



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

JUNE 2010 HIGHLIGHTS

SECTION 1 - INTRODUCTION

No changes to this section.

SECTION 2 - AIRPLANE DIMENSIONS

No changes to this section.

SECTION 3 - ZONE DIAGRAMS

No changes to this section.

SECTION 4 - ACCESS DOORS AND PANELS

Revised Figure 19 to show proper access panel number for fuel tank access panel number 7.

SECTION 5 - RESERVED

No changes to this section.

SECTION 6 - SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM

Revised front matter and tasks to incorporate MRBR TR 02-002 regarding the MSG-3 EZAP analysis results that were proposed and approved at the July 27 - 30, 2009 727-100/200 EZAP Industry Steering Committee/Working Group meeting. The results of this analysis have been approved by both the MRB Chairman and ISC Chairman.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM	CHANGE DESCRIPTION
20-065-01	Deleted task, not required under updated EZAP analysis.
20-075-01	Deleted task, not required under updated EZAP analysis.
20-085-01	Deleted task, not required under updated EZAP analysis.
20-090-01	Deleted task, not required under updated EZAP analysis.
20-095-01	Deleted task, not required under updated EZAP analysis.
20-125-01	Deleted task, inspection requirement is met by task 20-175-01.
20-125-02	Deleted task, inspection requirement is met by task 20-175-02.
20-125-03	Deleted task, inspection requirement is met by task 20-175-01.
20-125-04	Deleted task, inspection requirement is met by task 20-175-02.
20-135-01	Deleted task, inspection requirement is met by task 20-180-01.
20-135-02	Deleted task, inspection requirement is met by task 20-180-01.
20-150-01	Deleted task, inspection requirement is met by task 20-185-01.
20-155-01	Deleted task, inspection requirement is met by task 20-190-01.
32-110-01	Revised task interval to match MSG-3 analysis and MRBR TR 02-002 dated December 2009.
32-145-01	Revised task interval to match MSG-3 analysis and MRBR TR 02-002 dated December 2009.
32-155-01	Revised task interval to match MSG-3 analysis and MRBR TR 02-002 dated December 2009.

SECTION 7 - ZONAL INSPECTION PROGRAM

Revised front matter and tasks to incorporate MRBR TR 04-001 regarding the MSG-3 EZAP analysis results that were proposed and approved at the July 27 - 30, 2009 727-100/200 EZAP Industry Steering Committee/Working Group meeting. The results of this analysis have been approved by both the MRB Chairman and ISC Chairman.

SECTION 8 - STRUCTURES MAINTENANCE PROGRAM

No changes to this section.

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JUN 2010

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Page 2



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

APPENDIX A - RESERVED

No changes to this appendix.

APPENDIX B - ACRONYMS

No changes to this appendix.

APPENDIX C - DEFINITIONS

Revised appendix to incorporate MRBR TR AC-001 regarding the MSG-3 EZAP analysis results that were proposed and approved at the July 27 - 30, 2009 727-100/200 EZAP Industry Steering Committee/Working Group meeting. The results of this analysis have been approved by both the MRB Chairman and ISC Chairman.



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727-100/-200

MSG-3 MAINTENANCE PLANNING DATA (MPD) DOCUMENT

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JUNE 2010

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

TABLE OF CONTENTS

REVISIONS	0.0-3
LIST OF EFFECTIVE PAGES	0.0-5
SECTION 1. INTRODUCTION	1.0-1
A. PURPOSE	1.0-3
B. BASIS FOR STANDARDS AND PROCEDURES	1.0-3
C. CHECKS AND INTERVALS	1.0-4
D. MAINTENANCE REQUIREMENT RULES	1.0-5
E. CORROSION PREVENTION AND CONTROL (CPC) BASIC TASK (7 STEPS)	1.0-6
F. REPORTING RESULTS OF STRUCTURES INSPECTIONS	1.0-7
G. CORROSION PREVENTION AND CONTROL PROGRAM FINDINGS REPORTING FORM	1.0-8
SECTION 2. AIRPLANE DIMENSIONS	2.0-1
A. AIRPLANE DIMENSIONS	2.0-5
SECTION 3. ZONE DIAGRAMS	3.0-1
A. ZONE DIAGRAMS	3.0-4
B. MAJOR ZONES	3.0-4
C. SUBMAJOR ZONES	3.0-4
D. ZONES	3.0-4
E. ZONE LOCATIONS	3.0-6
SECTION 4. ACCESS DOORS AND PANELS	4.0-1
LIST OF FIGURES	4.0-3
A. GENERAL	4.0-5
SECTION 5. RESERVED	5.0-1
SECTION 6. SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM	6.0-1
A. SCOPE	6.0-3
B. SYSTEMS AND POWERPLANT MAINTENANCE REQUIREMENTS RULES	6.0-4
C. SYSTEMS MAINTENANCE SIGNIFICANT ITEMS (MSI)	6.0-6
D. PAGE FORMAT: SYSTEMS MAINTENANCE PROGRAM	6.0-13



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

SYSTEMS TASKS	6.1-1
SECTION 7. ZONAL INSPECTION PROGRAM	7.0-1
A. PURPOSE	7.0-3
B. ZONAL INSPECTION REQUIREMENT RULES	7.0-3
C. TASK SUMMARY PAGE FORMAT	7.0-6
ZONAL TASKS	7.1-1
SECTION 8. STRUCTURES MAINTENANCE PROGRAM	8.0-1
A. GENERAL	8.0-3
B. INTRODUCTION	8.0-3
C. STRUCTURES PROGRAM RULES	8.0-4
D. ENVIRONMENTAL DAMAGE/CORROSION PREVENTION AND CONTROL PROGRAM	8.0-4
E. STRUCTURAL SIGNIFICANT ITEMS (SSI)	8.0-4
F. TASK SUMMARY PAGE FORMAT	8.0-10
STRUCTURES TASKS	8.1-1
APPENDIX A. RESERVED	A.0-1
APPENDIX B. ACRONYMS	B.0-1
APPENDIX C. DEFINITIONS	C.0-1



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

REVISIONS

REVISION LOG	
REV LEVEL	DESCRIPTION
AUG 2002	Original Release of the 727-100/-200 MSG-3 Maintenance Planning Data (MPD) Document
DEC 2003	Revision of the 727-100/-200 Maintenance Planning Data (MPD) Document
JAN 2006	Revision of the 727-100/-200 Maintenance Planning Data (MPD) Document
NOV 2008	Revision of the 727-100/-200 Maintenance Planning Data (MPD) Document
JUN 2010	Revision of the 727-100/-200 Maintenance Planning Data (MPD) Document



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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**727-100/-200 MSG-3 MAINTENANCE PLANNING DATA
LIST OF EFFECTIVE PAGES**

Section	Page	Date	Section	Page	Date	Section	Page	Date	Section	Page	Date	Section	Page	Date
0.0	1	JUN 2010	4.0	2	BLANK	4.0	41	SEP 2002	4.0	80	SEP 2002	6.1	23	JUN 2010
0.0	2	JUN 2010	4.0	3	SEP 2002	4.0	42	SEP 2002	5.0	1	SEP 2002	6.1	24	JUN 2010
0.0	3	JUN 2010	4.0	4	BLANK	4.0	43	SEP 2002	5.0	2	BLANK	6.1	25	JUN 2010
0.0	4	BLANK	4.0	5	SEP 2002	4.0	44	SEP 2002	6.0	1	SEP 2002	6.1	26	JUN 2010
0.0	5	JUN 2010	4.0	6	SEP 2002	4.0	45	SEP 2002	6.0	2	BLANK	6.1	27	JUN 2010
0.0	6	JUN 2010	4.0	7	SEP 2002	4.0	46	JUN 2010	6.0	3	DEC 2003	6.1	28	JUN 2010
1.0	1	DEC 2003	4.0	8	SEP 2002	4.0	47	SEP 2002	6.0	4	NOV 2008	6.1	29	JUN 2010
1.0	2	SEP 2002	4.0	9	SEP 2002	4.0	48	SEP 2002	6.0	5	JUN 2010	6.1	30	JUN 2010
1.0	3	NOV 2008	4.0	10	SEP 2002	4.0	49	SEP 2002	6.0	6	JUN 2010	6.1	31	JUN 2010
1.0	4	DEC 2003	4.0	11	SEP 2002	4.0	50	SEP 2002	6.0	7	DEC 2003	6.1	32	JUN 2010
1.0	5	NOV 2008	4.0	12	SEP 2002	4.0	51	SEP 2002	6.0	8	DEC 2003	6.1	33	JUN 2010
1.0	6	DEC 2003	4.0	13	SEP 2002	4.0	52	SEP 2002	6.0	9	DEC 2003	6.1	34	JUN 2010
1.0	7	DEC 2003	4.0	14	SEP 2002	4.0	53	SEP 2002	6.0	10	DEC 2003	6.1	35	JUN 2010
1.0	8	DEC 2003	4.0	15	SEP 2002	4.0	54	SEP 2002	6.0	11	DEC 2003	6.1	36	JUN 2010
2.0	1	SEP 2002	4.0	16	SEP 2002	4.0	55	SEP 2002	6.0	12	SEP 2002	6.1	37	JUN 2010
2.0	2	BLANK	4.0	17	SEP 2002	4.0	56	SEP 2002	6.0	13	SEP 2002	6.1	38	JUN 2010
2.0	3	SEP 2002	4.0	18	SEP 2002	4.0	57	SEP 2002	6.0	14	SEP 2002	6.1	39	JUN 2010
2.0	4	BLANK	4.0	19	SEP 2002	4.0	58	SEP 2002	6.1	1	JUN 2010	6.1	40	JUN 2010
2.0	5	SEP 2002	4.0	20	SEP 2002	4.0	59	SEP 2002	6.1	2	JUN 2010	6.1	41	JUN 2010
2.0	6	SEP 2002	4.0	21	SEP 2002	4.0	60	SEP 2002	6.1	3	JUN 2010	6.1	42	JUN 2010
2.0	7	SEP 2002	4.0	22	SEP 2002	4.0	61	SEP 2002	6.1	4	JUN 2010	6.1	43	JUN 2010
2.0	8	SEP 2002	4.0	23	SEP 2002	4.0	62	SEP 2002	6.1	5	JUN 2010	6.1	44	JUN 2010
2.0	9	SEP 2002	4.0	24	SEP 2002	4.0	63	SEP 2002	6.1	6	JUN 2010	6.1	45	JUN 2010
2.0	10	SEP 2002	4.0	25	SEP 2002	4.0	64	SEP 2002	6.1	7	JUN 2010	6.1	46	JUN 2010
2.0	11	SEP 2002	4.0	26	SEP 2002	4.0	65	SEP 2002	6.1	8	JUN 2010	6.1	47	JUN 2010
2.0	12	BLANK	4.0	27	SEP 2002	4.0	66	SEP 2002	6.1	9	JUN 2010	6.1	48	JUN 2010
3.0	1	SEP 2002	4.0	28	DEC 2003	4.0	67	SEP 2002	6.1	10	JUN 2010	6.1	49	JUN 2010
3.0	2	BLANK	4.0	29	DEC 2003	4.0	68	SEP 2002	6.1	11	JUN 2010	6.1	50	JUN 2010
3.0	3	SEP 2002	4.0	30	SEP 2002	4.0	69	SEP 2002	6.1	12	JUN 2010	6.1	51	JUN 2010
3.0	4	SEP 2002	4.0	31	SEP 2002	4.0	70	SEP 2002	6.1	13	JUN 2010	6.1	52	JUN 2010
3.0	5	SEP 2002	4.0	32	SEP 2002	4.0	71	SEP 2002	6.1	14	JUN 2010	6.1	53	JUN 2010
3.0	6	SEP 2002	4.0	33	SEP 2002	4.0	72	SEP 2002	6.1	15	JUN 2010	6.1	54	JUN 2010
3.0	7	SEP 2002	4.0	34	SEP 2002	4.0	73	SEP 2002	6.1	16	JUN 2010	6.1	55	JUN 2010
3.0	8	SEP 2002	4.0	35	SEP 2002	4.0	74	SEP 2002	6.1	17	JUN 2010	6.1	56	JUN 2010
3.0	9	SEP 2002	4.0	36	SEP 2002	4.0	75	SEP 2002	6.1	18	JUN 2010	6.1	57	JUN 2010
3.0	10	SEP 2002	4.0	37	SEP 2002	4.0	76	SEP 2002	6.1	19	JUN 2010	6.1	58	JUN 2010
3.0	11	SEP 2002	4.0	38	SEP 2002	4.0	77	SEP 2002	6.1	20	JUN 2010	6.1	59	JUN 2010
3.0	12	SEP 2002	4.0	39	SEP 2002	4.0	78	SEP 2002	6.1	21	JUN 2010	6.1	60	JUN 2010
4.0	1	SEP 2002	4.0	40	SEP 2002	4.0	79	SEP 2002	6.1	22	JUN 2010	6.1	61	JUN 2010

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Section	Page	Date	Section	Page	Date	Section	Page	Date	Section	Page	Date	Section	Page	Date
6.1	62	JUN 2010	7.1	3	JUN 2010	8.1	12	NOV 2008	C.0	5	JUN 2010			
6.1	63	JUN 2010	7.1	4	JUN 2010	8.1	13	NOV 2008	C.0	6	JUN 2010			
6.1	64	JUN 2010	7.1	5	JUN 2010	8.1	14	NOV 2008	C.0	7	JUN 2010			
6.1	65	JUN 2010	7.1	6	JUN 2010	8.1	15	NOV 2008	C.0	8	BLANK			
6.1	66	JUN 2010	7.1	7	JUN 2010	8.1	16	NOV 2008						
6.1	67	JUN 2010	7.1	8	JUN 2010	8.1	17	NOV 2008						
6.1	68	JUN 2010	7.1	9	JUN 2010	8.1	18	NOV 2008						
6.1	69	JUN 2010	7.1	10	JUN 2010	8.1	19	NOV 2008						
6.1	70	JUN 2010	7.1	11	JUN 2010	8.1	20	NOV 2008						
6.1	71	JUN 2010	7.1	12	JUN 2010	8.1	21	NOV 2008						
6.1	72	JUN 2010	7.1	13	JUN 2010	8.1	22	NOV 2008						
6.1	73	JUN 2010	7.1	14	JUN 2010	8.1	23	NOV 2008						
6.1	74	JUN 2010	7.1	15	JUN 2010	8.1	24	NOV 2008						
6.1	75	JUN 2010	7.1	16	JUN 2010	8.1	25	NOV 2008						
6.1	76	JUN 2010	7.1	17	JUN 2010	8.1	26	NOV 2008						
6.1	77	JUN 2010	7.1	18	JUN 2010	8.1	27	NOV 2008						
6.1	78	JUN 2010	7.1	19	JUN 2010	8.1	28	NOV 2008						
6.1	79	JUN 2010	7.1	20	BLANK	8.1	29	NOV 2008						
6.1	80	JUN 2010	8.0	1	SEP 2002	8.1	30	NOV 2008						
6.1	81	JUN 2010	8.0	2	BLANK	8.1	31	NOV 2008						
6.1	82	JUN 2010	8.0	3	DEC 2003	8.1	32	NOV 2008						
6.1	83	JUN 2010	8.0	4	DEC 2003	8.1	33	NOV 2008						
6.1	84	JUN 2010	8.0	5	DEC 2003	8.1	34	NOV 2008						
6.1	85	JUN 2010	8.0	6	DEC 2003	8.1	35	NOV 2008						
6.1	86	JUN 2010	8.0	7	DEC 2003	8.1	36	NOV 2008						
6.1	87	JUN 2010	8.0	8	DEC 2003	8.1	37	NOV 2008						
6.1	88	JUN 2010	8.0	9	DEC 2003	8.1	38	NOV 2008						
6.1	89	JUN 2010	8.0	10	SEP 2002	8.1	39	NOV 2008						
6.1	90	JUN 2010	8.1	1	NOV 2008	8.1	40	NOV 2008						
6.1	91	JUN 2010	8.1	2	NOV 2008	8.1	41	NOV 2008						
6.1	92	BLANK	8.1	3	NOV 2008	8.1	42	NOV 2008						
7.0	1	SEP 2002	8.1	4	NOV 2008	A.0	1	SEP 2002						
7.0	2	BLANK	8.1	5	NOV 2008	A.0	2	BLANK						
7.0	3	JUN 2010	8.1	6	NOV 2008	B.0	1	NOV 2008						
7.0	4	JUN 2010	8.1	7	NOV 2008	B.0	2	NOV 2008						
7.0	5	JUN 2010	8.1	8	NOV 2008	C.0	1	JUN 2010						
7.0	6	JUN 2010	8.1	9	NOV 2008	C.0	2	SEP 2002						
7.1	1	JUN 2010	8.1	10	NOV 2008	C.0	3	JUN 2010						
7.1	2	JUN 2010	8.1	11	NOV 2008	C.0	4	JUN 2010						

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

SECTION 1. INTRODUCTION

A. PURPOSE	1.0-3
B. BASIS FOR STANDARDS AND PROCEDURES	1.0-3
C. CHECKS AND INTERVALS	1.0-4
D. MAINTENANCE REQUIREMENT RULES	1.0-5
E. CORROSION PREVENTION AND CONTROL (CPCP) BASIC TASK (7 STEPS)	1.0-6
F. REPORTING RESULTS OF STRUCTURES INSPECTIONS.....	1.0-8
G. CORROSION PREVENTION AND CONTROL PROGRAM FINDING REPORT PROGRAM	1.0-9



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

A. PURPOSE

1. This Maintenance Planning Data (MPD) document outlines initial minimum scheduled maintenance/inspection requirements. It is to be used in the development of an approved on-airplane continuous airworthiness maintenance program for the airframe, engines, systems, and components of the Boeing Model 727-100/-200 airplane. These requirements are in compliance with Appendix H to 14 CFR, Part 25, instructions for Continued Airworthiness as described in AC 121-22A.
2. The responsible Local Regulatory Authority shall ascertain that all of the maintenance/inspection requirements in this MPD are included in the operator's initial continuous airworthiness maintenance program.
3. The 727-100/-200 MSG-3 MPD Document is intended to be revised on a yearly or as needed basis and is applicable to all 727-100/-200 airplanes at the time of update. Submit any comments or recommendations concerning this document to:

Maintenance Programs Engineering
Attention: 727 Model Focal
PO Box 3707 M/C 2J-10
Seattle, Washington, USA 98124-2207
FAX: (206) 662-2336

B. BASIS FOR STANDARDS AND PROCEDURES

1. The Boeing Model 727-100/-200 airplane is classified and identified on the Type Certificate Data Sheet as the principal type airplane. Analysis of the systems, powerplant and structures sections were performed using MSG-3, revision 2 methodology. The Zonal section was accomplished by using Zonal Analysis Procedures of MSG-3, Revision 2001.1.
2. These requirements are based on an average airplane utilization of 1957 flight hours and 1420 flight cycles (landings) within 12 months calendar time. Operators whose airplane utilization differs significantly from these parameters will need to re-evaluate the inspection intervals in this MPD with their Local Regulatory Authority.
3. The Boeing Model 727-100/-200 airplane now has two (2) Maintenance Programs. This MPD Document contains the minimum scheduled initial maintenance requirements derived through the MSG-3 process. The other is the original Boeing Model 727-100/-200 airplane MPD Document D6- 8766-1/-2. Initial operators may use one or the other program but may not mix the two programs. Existing operators, whose maintenance program is based on the original MPD may convert to this new MSG-3 MPD Document (including new inspection intervals) with their Local Regulatory Authority as outlined in paragraph 4.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

4. Conversion/transition procedures (existing operators) from the original MPD Program to the requirements contained in this MPD Document, are as follows:
 - a. A plan for the transition from the operators current approved maintenance program to the new requirements contained herein, should be submitted to the Local Regulatory Authority in advance of the change.
 - b. No task may be extended during the transition period unless previously approved by the Local Regulatory Authority.
5. For Boeing Model 727-100/-200 airplanes, adaptation of these requirements may be performed if the following conditions are met:
 - a. The subject airplane must be in compliance with the necessary Airworthiness Directives currently defined by the FAA or equivalent document issued by the Local Regulatory Authority.
 - b. The requirements contained in this MPD document must be used in their entirety. However, operators who have previously received approval for task deletions are not required to reinstate them. Operators may take credit for tasks accomplished under their existing inspection programs. Deviation from this program must be coordinated with the Local Regulatory Authority.
 - c. A training program that highlights the differences between the old program and the new requirements should be developed for planning and inspection personnel. Operators should pay particular attention to training of the person(s) who will be accomplishing the tasks contained in the Zonal Inspection Requirements section of this MPD.

C. CHECKS AND INTERVALS

1. The maintenance requirements for the Boeing Model 727-100/-200 airplane are made up of systems, powerplant, structural and zonal maintenance inspection tasks, which are included in this MPD document. The maintenance check intervals for systems, powerplant, structural and zonal requirements are independent and are as follows: The "A" Check Interval: The "A" Check is to be accomplished at intervals not to exceed 600 Flight Hours. Operators who do not exceed the "A" check interval prior to the "C" check interval, must accomplish the "A" check items along with the "C" check items. The "C" Check Interval: The "C" Check is to be accomplished at intervals not to exceed 4,000 flight hours or 24 months, (calendar time) whichever comes first.

NOTE: Existing operators programs with maintenance intervals for equivalent tasks higher than these, who are converting to this new MSG-3 MPD Document, will be able to maintain their actual intervals previously approved by their Local Regulatory Authority.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

2. An operator may desire to perform the "A" and/or "C" check on a continuous or progressive maintenance program system; i.e., the "A" and/or "C" check would be phased into a number of individual check packages. This would be considered acceptable provided the maximum interval between successive check packages not exceed that listed in this document. The individual tasks or phases should not be so numerous as to preclude a substantive evaluation of the condition of the entire airplane.
3. An operator may package any or all of the tasks NOT specified at either the "A" and/or "C" check interval into an "A" and/or "C" check provided such packaging does not exceed the interval shown for the task.
4. Individual check intervals listed in this MPD may be adjusted, except as noted in Section 6, Paragraph A, based on satisfactory substantiation by the operator, and review and approval by their Local Regulatory Authority. A group of operators may combine their fleets for the purpose of establishing a case for escalation. The combined fleets should have similar operating environments and operating utilization.
5. The Corrosion Prevention and Control Program (CPCP) requirements have been integrated into the Structural Inspection requirements section of this MPD document. In addition, some CPCP requirements were precluded by Zonal Inspection requirements contained in this MPD document. A thorough review of a task being considered for escalation must be performed to determine if any CPCP requirements are covered under the subject task. Should any CPCP requirement be part of the task in question, an alternate means of compliance, which provides an acceptable level of safety, may be used when approved by the FAA AIRPLANE CERTIFICATION OFFICE (ACO).
6. To accommodate unanticipated scheduling requirements, Structural Inspection task intervals (section 8 of this MPD document) may occasionally be increased by up to ten percent (10%), with a maximum of 6 months.

D. MAINTENANCE REQUIREMENT RULES

1. The operators manuals shall contain the details and responsibilities for accomplishing all maintenance required by this MPD document.
2. Task interval parameters expressed in this MPD document may be converted to an individual operators desired units, provided this conversion does not result in the operator exceeding the requirements of this Report.
3. Within this Report, the terms "Check" and "Inspection" are used interchangeably and are not intended to imply a level of skill required to accomplish the task.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

4. The use of Non-Destructive Inspection (NDI) methods, such as "X-ray", "ultrasonic", "eddy current", "radio isotope", etc., which are approved by the Manufacturer, can provide an alternative means of inspection to the methods prescribed in this MPD document. The operator should notify their assigned Principle Maintenance Inspector (PMI)/Regulatory Authority of the use of an acceptable alternate method.
5. Life-limited parts must be retired in accordance with the limits established in the engine and airplane Type Certificate Data Sheets or the Airworthiness Limitations Section of the Engine or Airplane Manufacturer's Instructions for Continued Airworthiness.
6. The Boeing Model 727-100/-200 airplane is a "fly-by-cable" airplane and a High Intensity Radiated Fields (HIRF) event would not cause a catastrophic condition. Lightning protection features are adequately covered by the Zonal Inspection requirements.

E. CORROSION PREVENTION AND CONTROL (CPC) BASIC TASK (7 STEPS)

As the CPCP maintenance requirements have been integrated into the Structures and Zonal sections of this MPD, the CPC Basic Task steps apply to both sections in this Report and are listed as follows:

1. Remove all obscuring systems, equipment, material and furnishings to allow access to the area to be inspected. It is not necessary to remove bushings unless specified in the task description, or if there is an indication of corrosion, or if the bushing has migrated.
2. When cleaning the inspection area as necessary to accomplish the inspection, it is not necessary to remove normal amounts of sealant/leveling compound or protective films or finishes unless these items have deteriorated to the point where moisture can penetrate. A light uniform film of corrosion inhibiting compound (CIC) that has not accumulated dirt or debris will normally allow adequate inspection of the structure without CIC removal. Obscuring CIC may require removal if there are multiple layers, or if there is evidence of moisture and/or accumulations of dirt or debris.
3. Visually inspect all structures items and other structure listed in the Structures and Zonal Maintenance requirements for evidence of corrosion or hidden corrosion. The inspection method is as specified in each task description. Use additional non-destructive inspections or visual inspections as appropriate if there are indications of hidden corrosion such as bulging skins, or corrosion running into splices or under fittings, etc. Note possible effects from adjacent items not specified in the Structural Requirements that may have caused corrosion problems.
4. If corrosion is found during any maintenance opportunity, in addition to and including activities specified in these requirements, remove all corrosion (see SRM, or the Corrosion Prevention Manual D6-82560), evaluate damage, and repair or replace all discrepant structure as necessary including restoration of protective finishes, sealants and other materials.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

5. Clear any blocked holes or gaps, and sources of blockage that may hinder drainage, as applicable.
6. Restore inspection area finishes, sealants, corrosion inhibiting compounds or lubricants per the current prescribed procedures in the applicable SRM or Corrosion Prevention Manual. Apply suitable approved water-displacing/anti-corrosion compounds, finishes, sealants, or lubrication as appropriate and only if the previous coat has been disturbed or removed except as noted below. As an option, operators may apply a single coat of water displacing/anticorrosion compound that penetrates faying surfaces, displaces moisture and forms a durable barrier after drying, e.g. a single coat of BMS 3-35, where the initial or previous coat has been disturbed or removed. It is recommended, in areas with high potential for severe corrosion, to apply a single coat of BMS 3-23 or equivalent followed by a single coat of BMS 3-26 Type II or equivalent.

WARNING: Corrosion inhibitors contain flammable components until cured. Do not expose these materials to open flame, active circuits or other components where a potential fire hazard may exist. Maintain safety precautions until all volatile materials have evaporated to include installation of insulation blankets.

NOTE: Do not apply water displacing/anticorrosion compounds in the following areas:

1. Cables, pulleys, wiring, plastics, elastomers, oxygen systems.	6. Engine strut cavities or cowling structure
2. Lubricated or Teflon surfaces (e.g. greased joints, sealed bearings)	7. APU, APU shroud or any structure in direct contact with the APU
3. Adjacent to tears or holes in insulation blankets	8. Over Cosmoline 1058 or equivalent per mil-C-16173 Grade 1.
4. Areas with electrical arc potential	9. Regions where temperature exceeds 220 ° Fahrenheit (100° Centigrade).
5. Interior materials, including cargo liners.	

7. Ventilate and dry and wet insulation blankets prior to reinstalling, or replace with new, as necessary. Reinstall insulation blankets with drainage holes down, facing interior of airplane

F. REPORTING RESULTS OF STRUCTURES INSPECTIONS

1. In addition to the CPC reporting process as defined in Section 8, paragraph D.2, all structural discrepancies found in the accomplishment of this programmer during scheduled fatigue related inspection tasks (refer to SSID Program, D6-48040), or during any maintenance opportunity shall also be reported per 14 CFR Part 121.703 (Service Difficulty Reports (structural)) or the local governing regulatory agency requirement.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

G. CORROSION PREVENTION AND CONTROL PROGRAM FINDINGS REPORTING FORM

CORROSION PREVENTION AND CONTROL PROGRAM INSPECTION REPORT			
(THIS PAGE ONLY REQUIRED FOR LEVEL 2 AND LEVEL 3 CORROSION)			
OPERATOR: _____		INSPECTION DATE: _____	
MODEL: _____		LINE NUMBER _____	
MAINT/REPAIR FACILITY: _____		INSPECTION: _____	
CORROSION TASK NO. _____		INTERVAL (YEARS) SINCE LAST CPCP: _____	
LEVEL OF CORROSION:	<input type="checkbox"/> LEVEL 2 <input type="checkbox"/> LOCAL	<input type="checkbox"/> LEVEL 3 <input type="checkbox"/> WIDESPREAD	
DAMAGED PART NAME:	<input type="checkbox"/> LONGERON/STRINGER <input type="checkbox"/> SKIN <input type="checkbox"/> FRAME	<input type="checkbox"/> DOUBLER <input type="checkbox"/> BRACKET/SHEAR TIE <input type="checkbox"/> RIB	<input type="checkbox"/> CHORD <input type="checkbox"/> WEB <input type="checkbox"/> BULKHEAD <input type="checkbox"/> FITTING <input type="checkbox"/> OTHER
LOCATION OF DAMAGE:	FROM STA _____ LH/RH	TO STA _____ LH/RH	ZONES _____
	FROM STR _____ LH/RH	TO STR _____ LH/RH	
	FROM WL _____ LH/RH	TO WL _____ LH/RH	
	FROM BL _____ LH/RH	TO BL _____ LH/RH	
CAUSE OF DAMAGE:	<input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> INTERNAL LEAKAGE <input type="checkbox"/> CHEMICAL SPILL	<input type="checkbox"/> LAV/GALLEY SPILL <input type="checkbox"/> BLOCKED DRAIN <input type="checkbox"/> WET INSULATION BLANKET	<input type="checkbox"/> UNKNOWN <input type="checkbox"/> DETERIORATED SEAL/FINISH <input type="checkbox"/> OTHER
ADDITIONAL DESCRIPTION OF DAMAGED AREA: _____			



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

SECTION 2. AIRPLANE DIMENSIONS

A. AIRPLANE DIMENSIONS 2.0-5



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

LIST OF ILLUSTRATIONS

<u>FIGURE</u>	<u>TITLE</u>	<u>PAGE</u>
FIGURE 1.	727-100/-200 - AIRPLANE DIMENSIONS PLAN VIEW	2.0-5
FIGURE 2.	BODY STATION DIAGRAM (ALL EXCEPT -200).....	2.0-6
FIGURE 3.	BODY STATION DIAGRAM (-200).....	2.0-7
FIGURE 4.	727-100/-200 - VERTICAL STABILIZER AND ELEVATOR STATION DIAGRAM.....	2.0-8
FIGURE 5.	727-100/-200 - HORIZONTAL STABILIZER AND ELEVATOR STATION DIAGRAM	2.0-9
FIGURE 6.	727-100/-200 - WING STATION DIAGRAM.....	2.0-10
FIGURE 7.	727-100/-200 - SIDE ENGINE STATION DIAGRAM.....	2.0-11

NOTE: For more specific airplane dimensions refer to the 727-100/-200 Maintenance Facility and Equipment Planning Document, D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

A. AIRPLANE DIMENSIONS

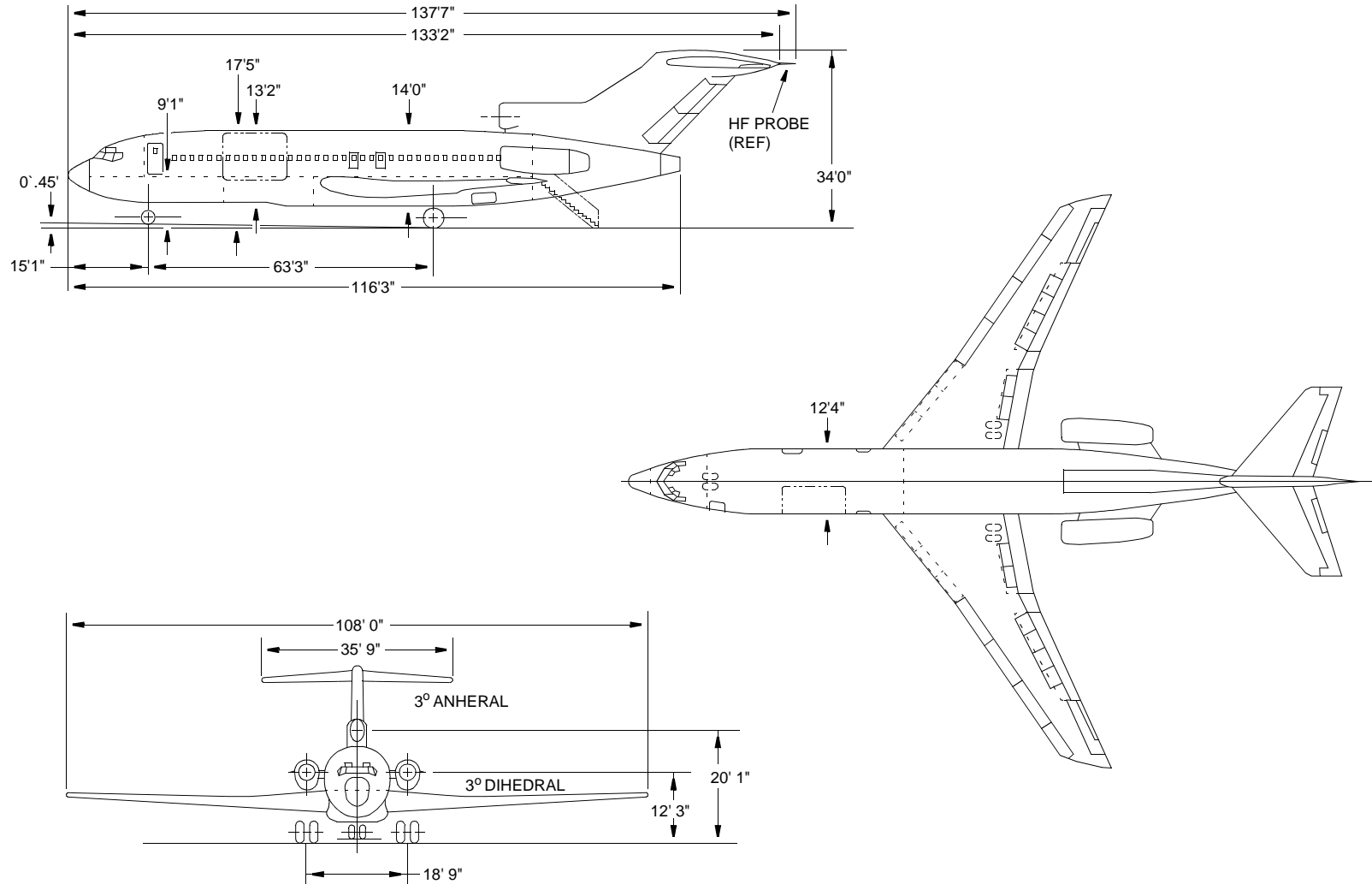


FIGURE 1. 727-100/-200 - AIRPLANE DIMENSIONS PLAN VIEW

727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

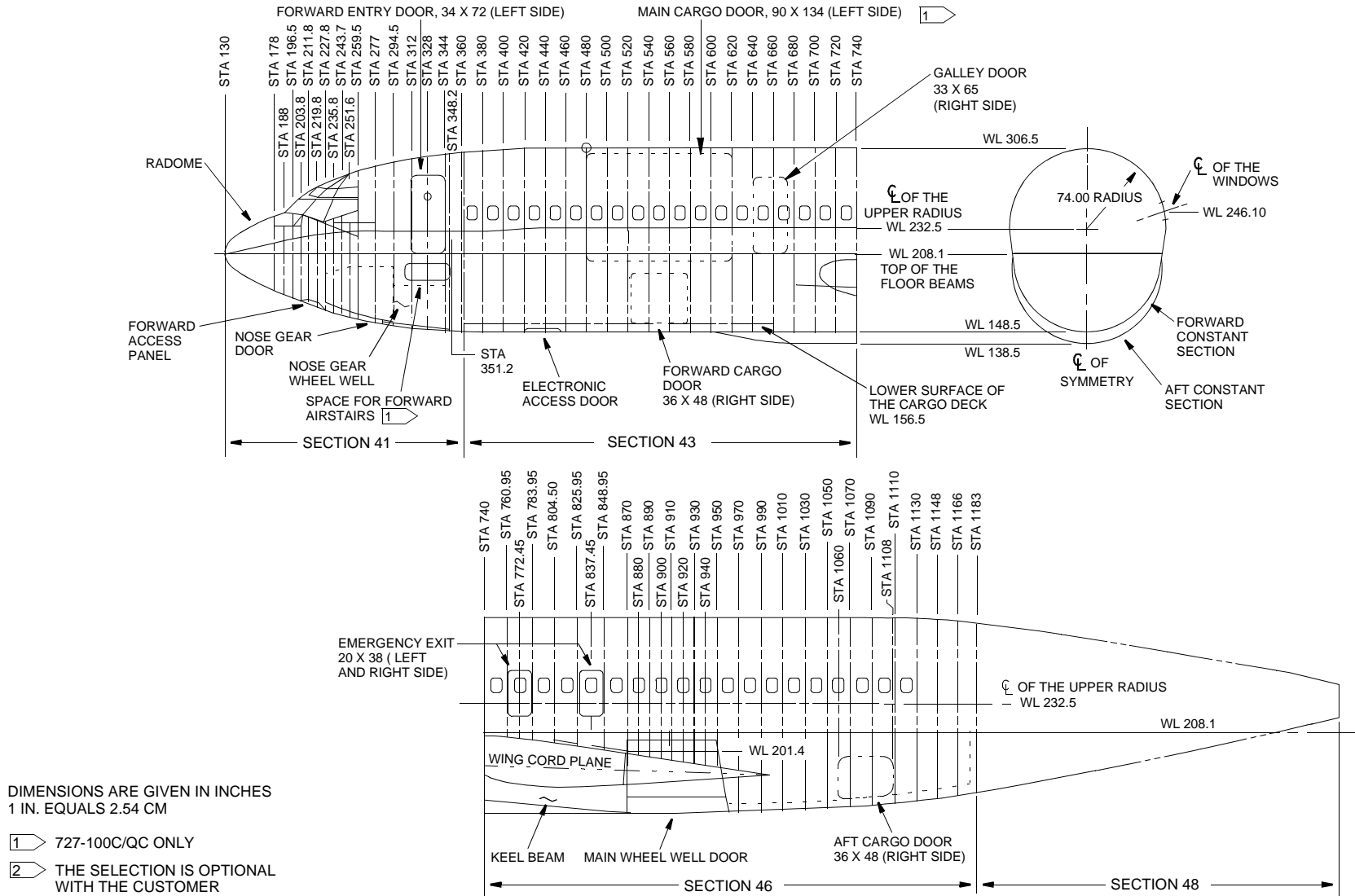


FIGURE 2. BODY STATION DIAGRAM (ALL EXCEPT -200)

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

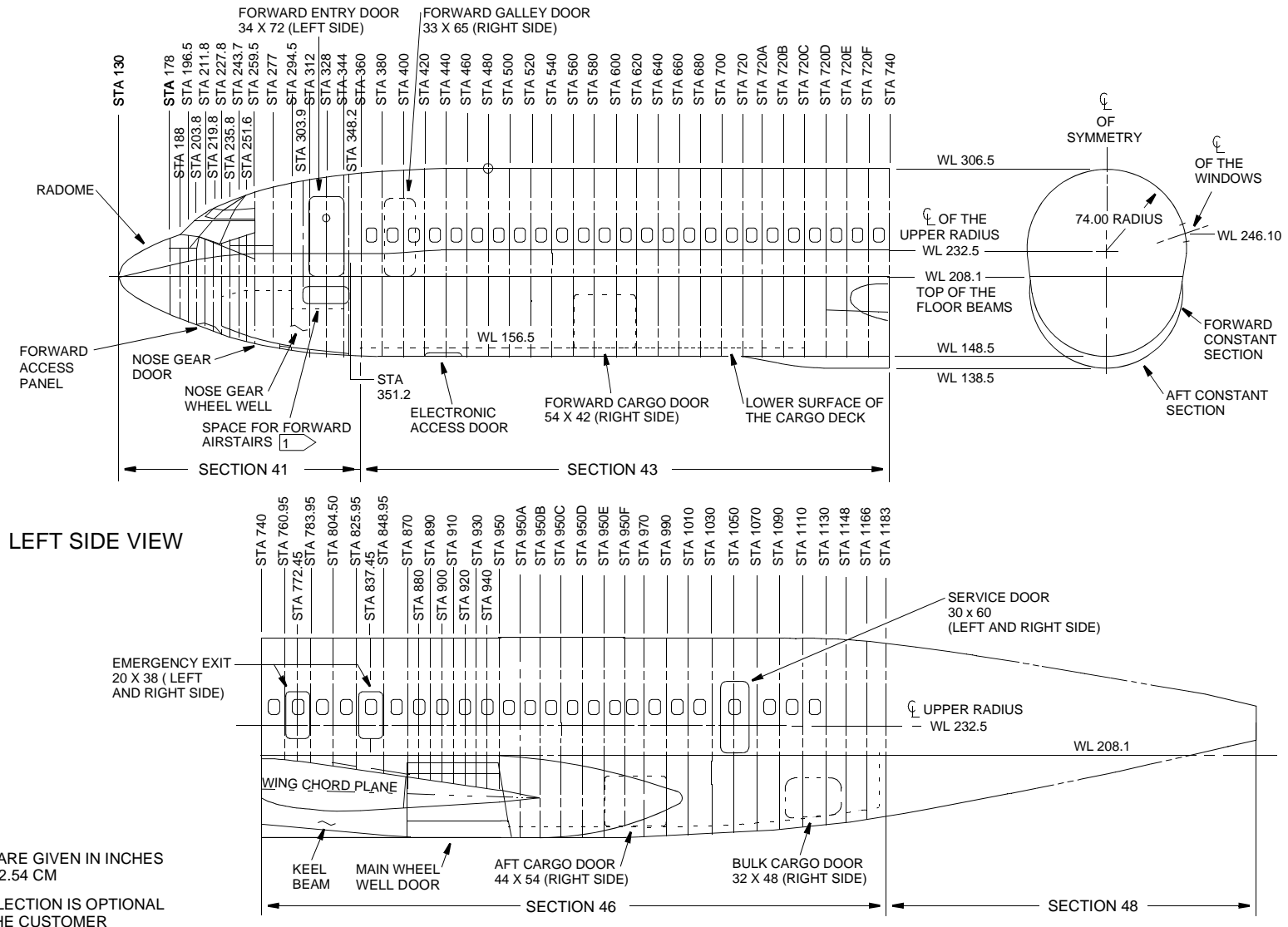


FIGURE 3. BODY STATION DIAGRAM (-200)

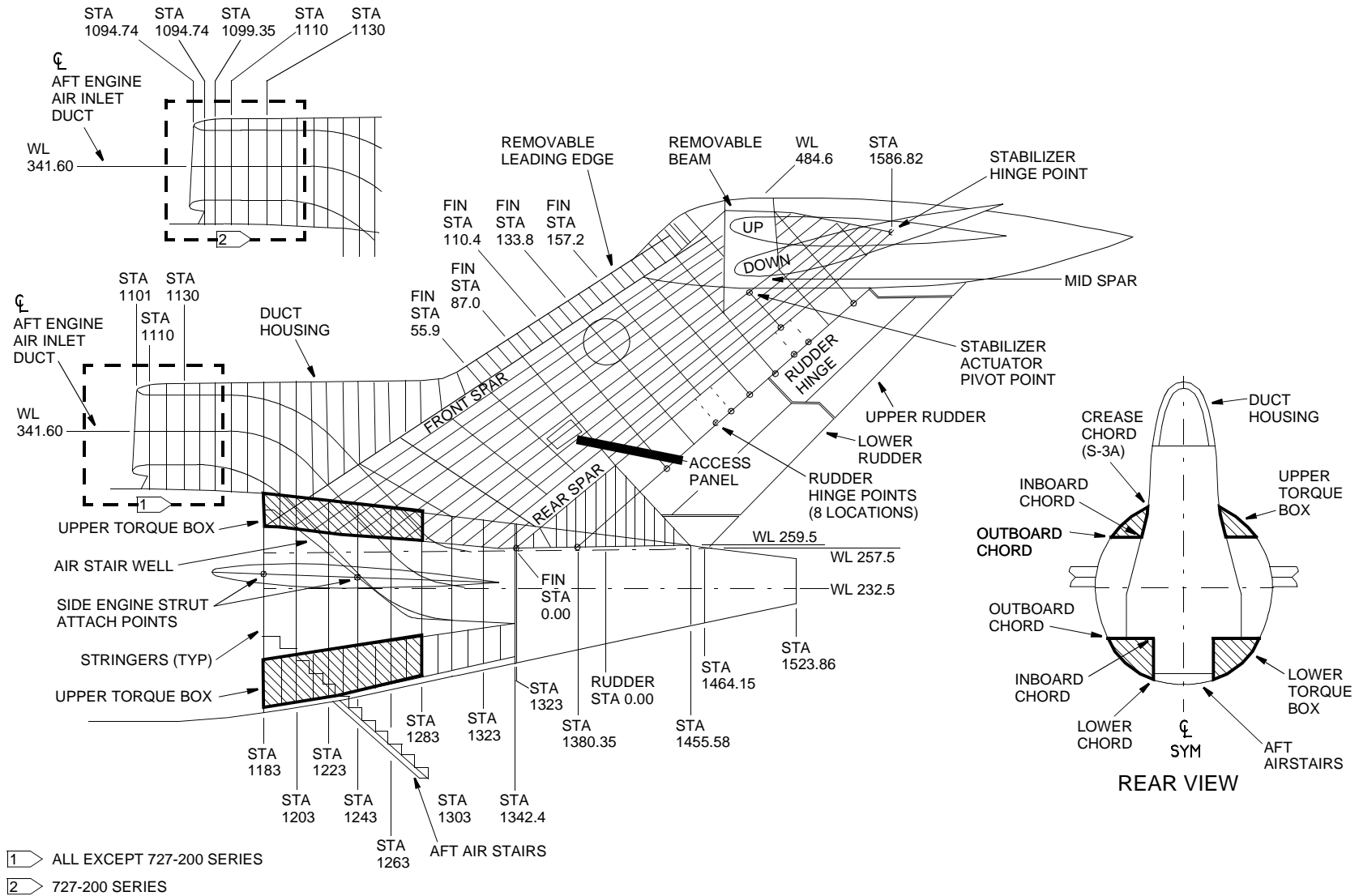


FIGURE 4. 727-100/-200 - VERTICAL STABILIZER AND ELEVATOR STATION DIAGRAM

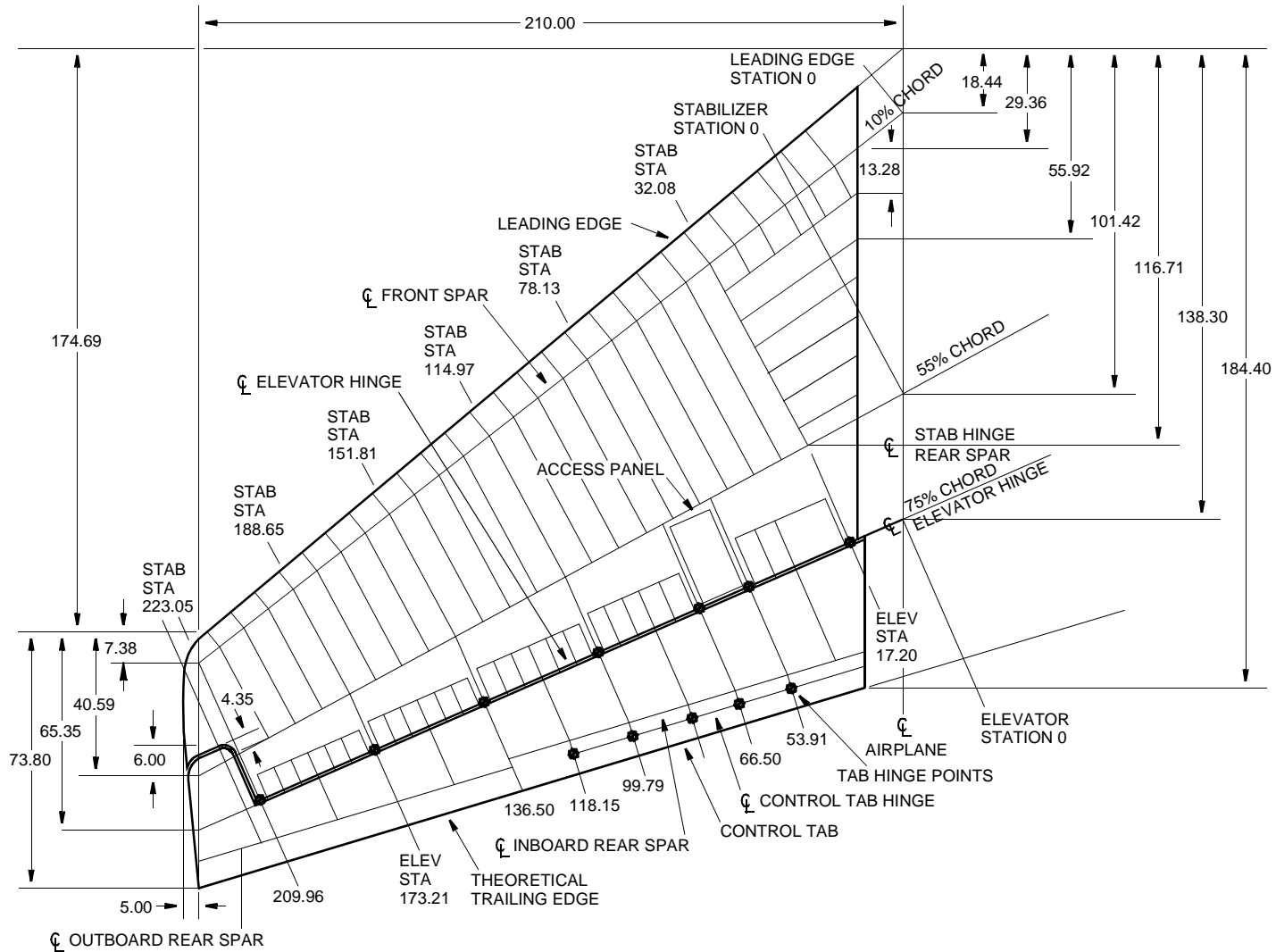


FIGURE 5. 727-100/-200 - HORIZONTAL STABILIZER AND ELEVATOR STATION DIAGRAM

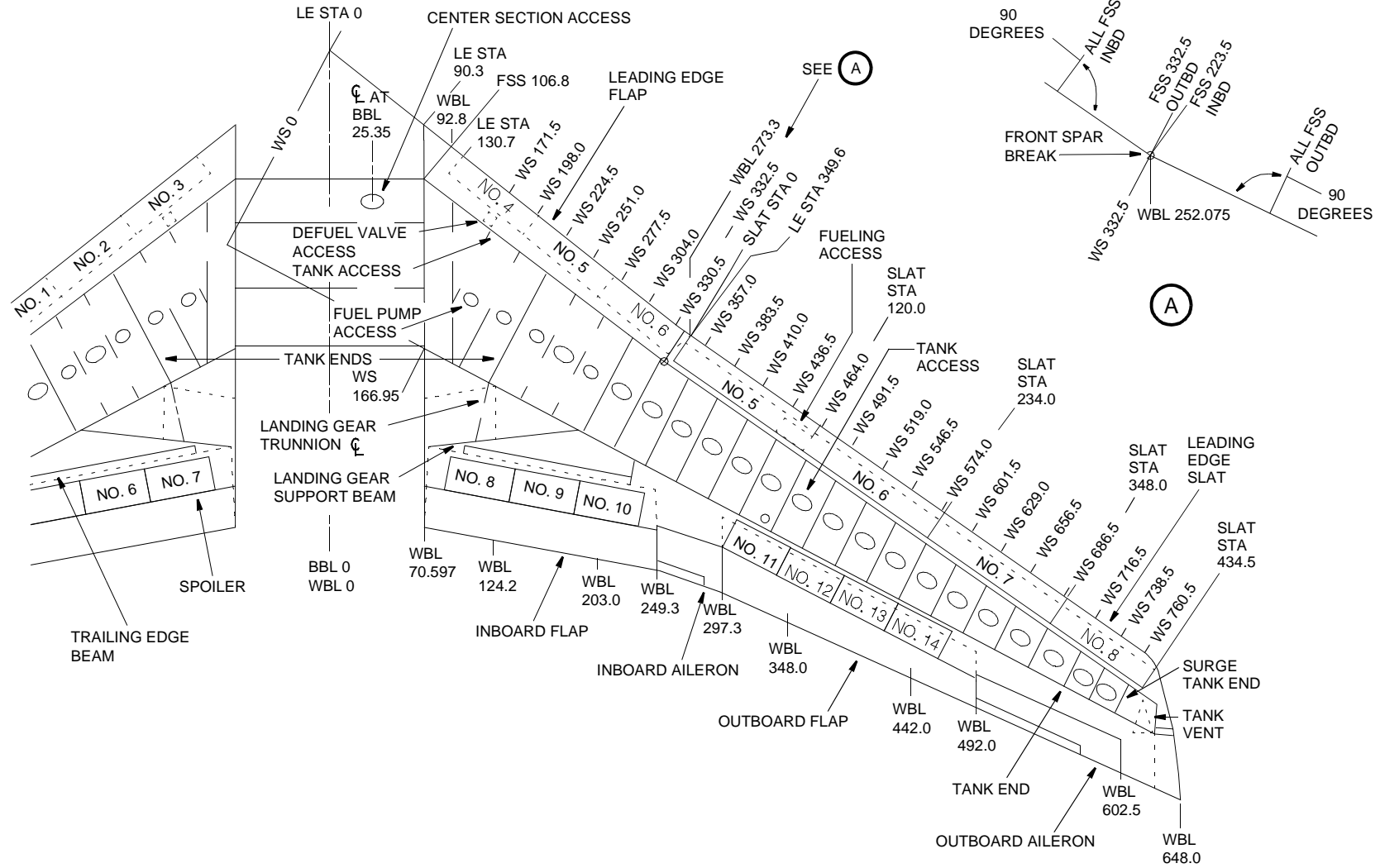


FIGURE 6. 727-100/-200 - WING STATION DIAGRAM

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

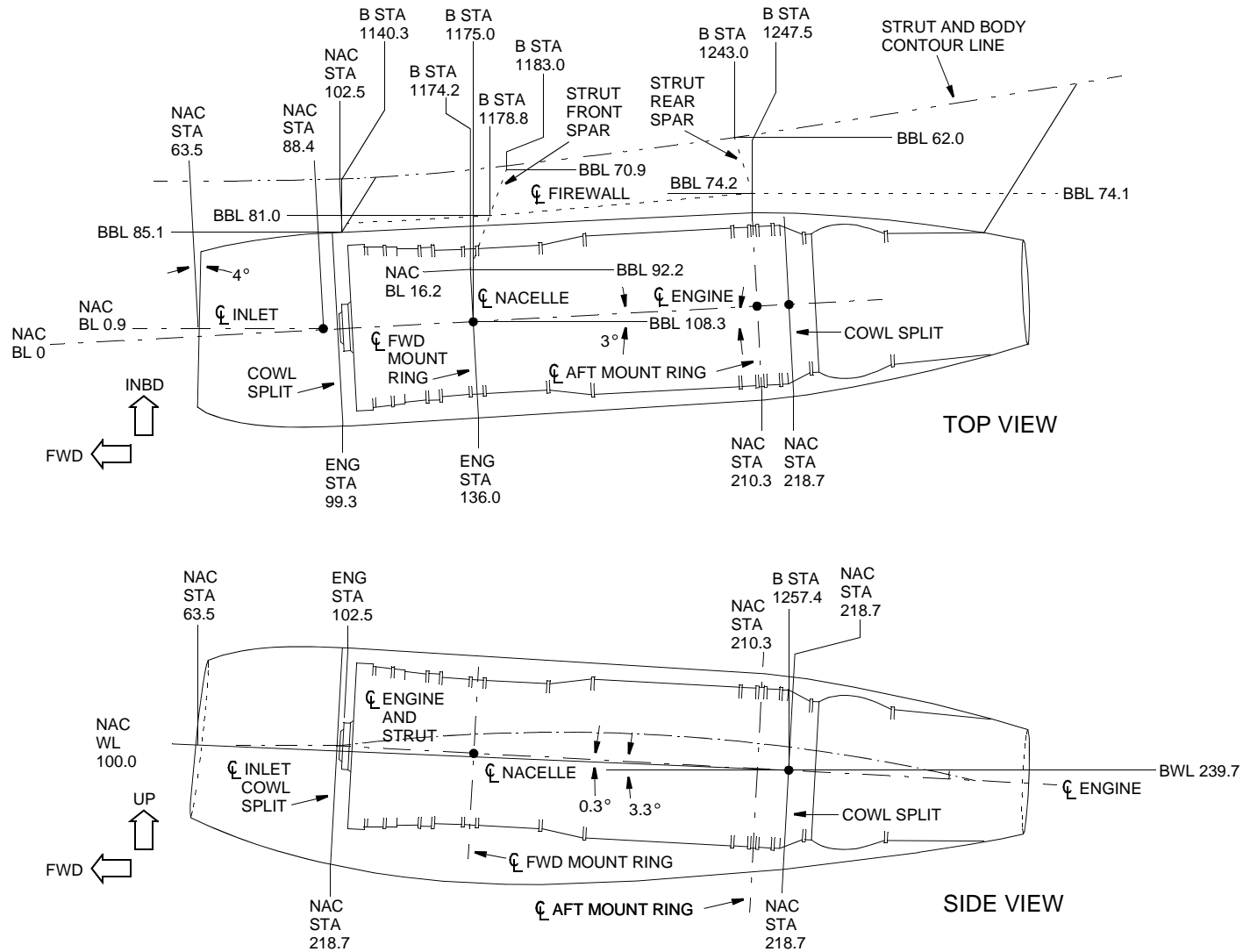


FIGURE 7. 727-100/-200 - SIDE ENGINE STATION DIAGRAM



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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

SECTION 3. ZONE DIAGRAMS

A. ZONE DIAGRAMS	3.0-4
B. MAJOR ZONES.....	3.0-4
C. SUBMAJOR ZONES	3.0-4
D. ZONES.....	3.0-4
E. ZONE LOCATIONS	3.0-6



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

LIST OF FIGURES

<u>FIGURE</u>	<u>TITLE</u>	<u>PAGE</u>
FIGURE 1.	727-100/-200 - MAJOR ZONE DIAGRAM	3.0-6
FIGURE 2.	727-100/-200 - MAJOR ZONE 1 - LOWER HALF OF FUSELAGE	3.0-7
FIGURE 3.	727-100/-200 - MAJOR ZONE 2 - UPPER HALF OF FUSELAGE	3.0-8
FIGURE 4.	727-100/-200 - MAJOR ZONE 3 - EMPENNAGE	3.0-9
FIGURE 5.	727-100/-200 - MAJOR ZONE 4 - POWER PLANTS AND STRUTS	3.0-10
FIGURE 6.	727-100/-200 - MAJOR ZONE 5 - LEFT WING	3.0-11
FIGURE 7.	727-100/-200 - MAJOR ZONE 6 - RIGHT WING	3.0-12



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

A. ZONE DIAGRAMS

The following pages represent the airplane zone diagrams for the 727-100/-200 airplane. The 727 zone diagram is divided into 6 major zones covering such areas as Fuselage, Empennage, Power Plants and Struts, Wings, Landing gear, Doors, etc. A further breakdown in zone identification is achieved by the use of subzones. Illustrations can be found at end of this section.

B. MAJOR ZONES

The major zones description and numbers in this section area listed below:

Major Zone 100 - Lower half of fuselage.

Major Zone 200 - Upper half of fuselage.

Major Zone 300 - Empennage.

Major Zone 400 - Power plants and struts.

Major Zone 500 - Left Wing

Major Zone 600 - Right Wing

One illustration is provided for each major zone.

C. SUBMAJOR ZONES

The submajor zone is identified by the second digit of the zone number:

D. ZONES

In numbering the zones, the following criteria were applied whenever possible:

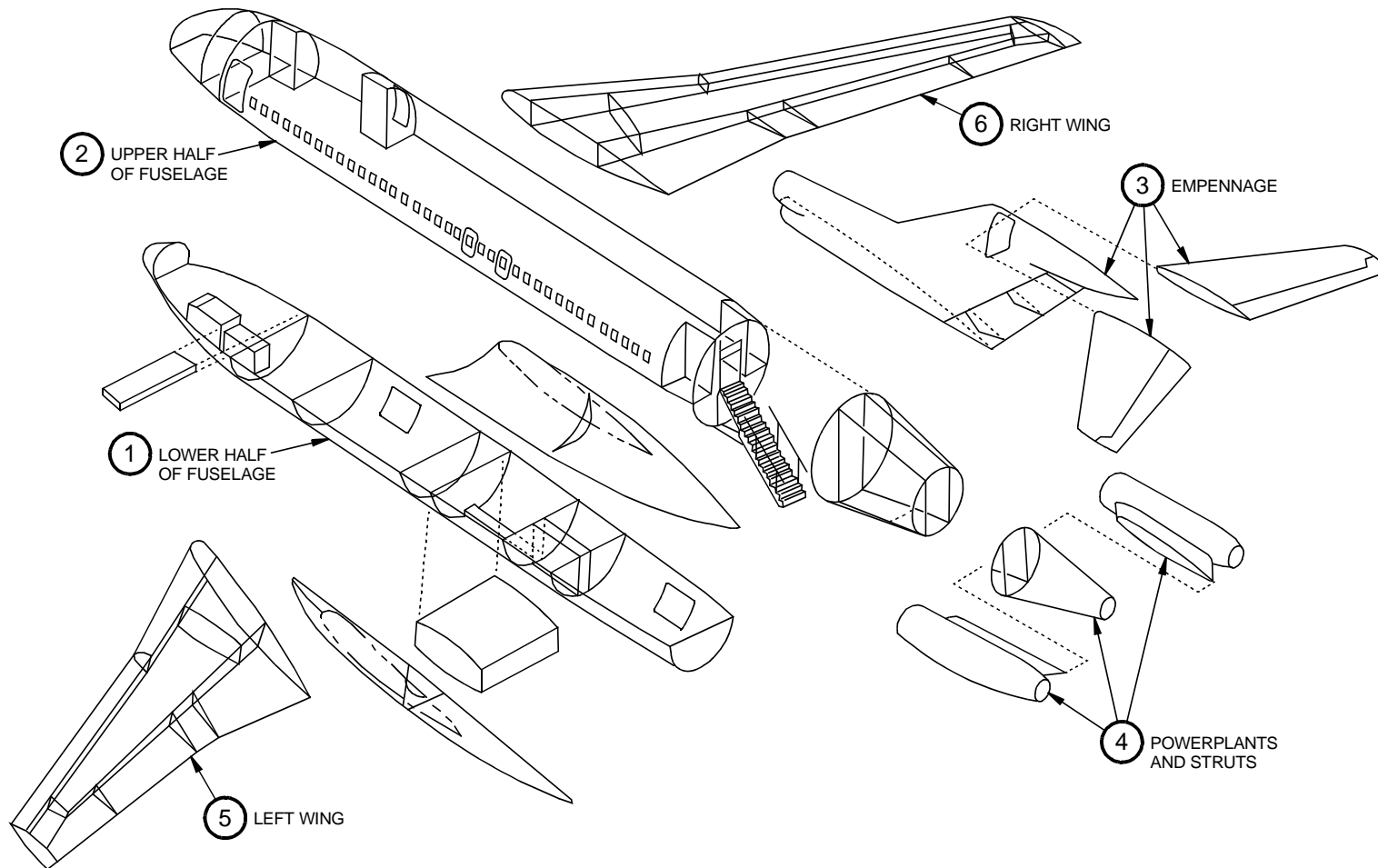
1. Where applicable, an odd number indicates a left side zone and an even number indicates a right side zone relative to the fuselage or nacelle centerline.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

2. The sequence of zone numbers runs preferentially from inboard to outboard and front to back in the wing and horizontal tail; front to back and away from the floor line in the fuselage and from root to tip in the vertical fin.

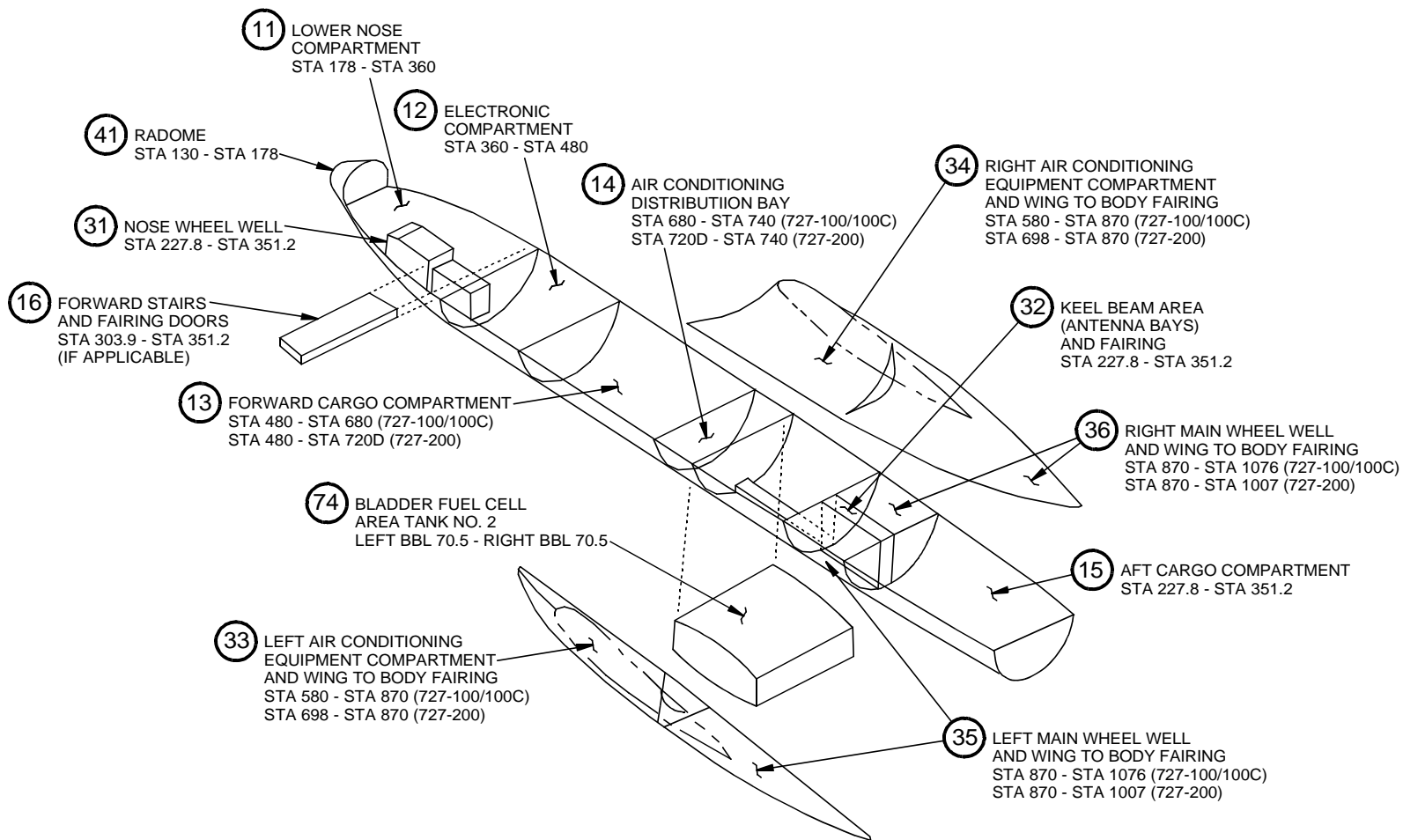
Major structural components, passenger cabin doors, cargo doors, landing gear doors, rudders, elevators, flaps, ailerons, spoilers and leading edge devices have individual zone numbers.



Major Zone Diagram

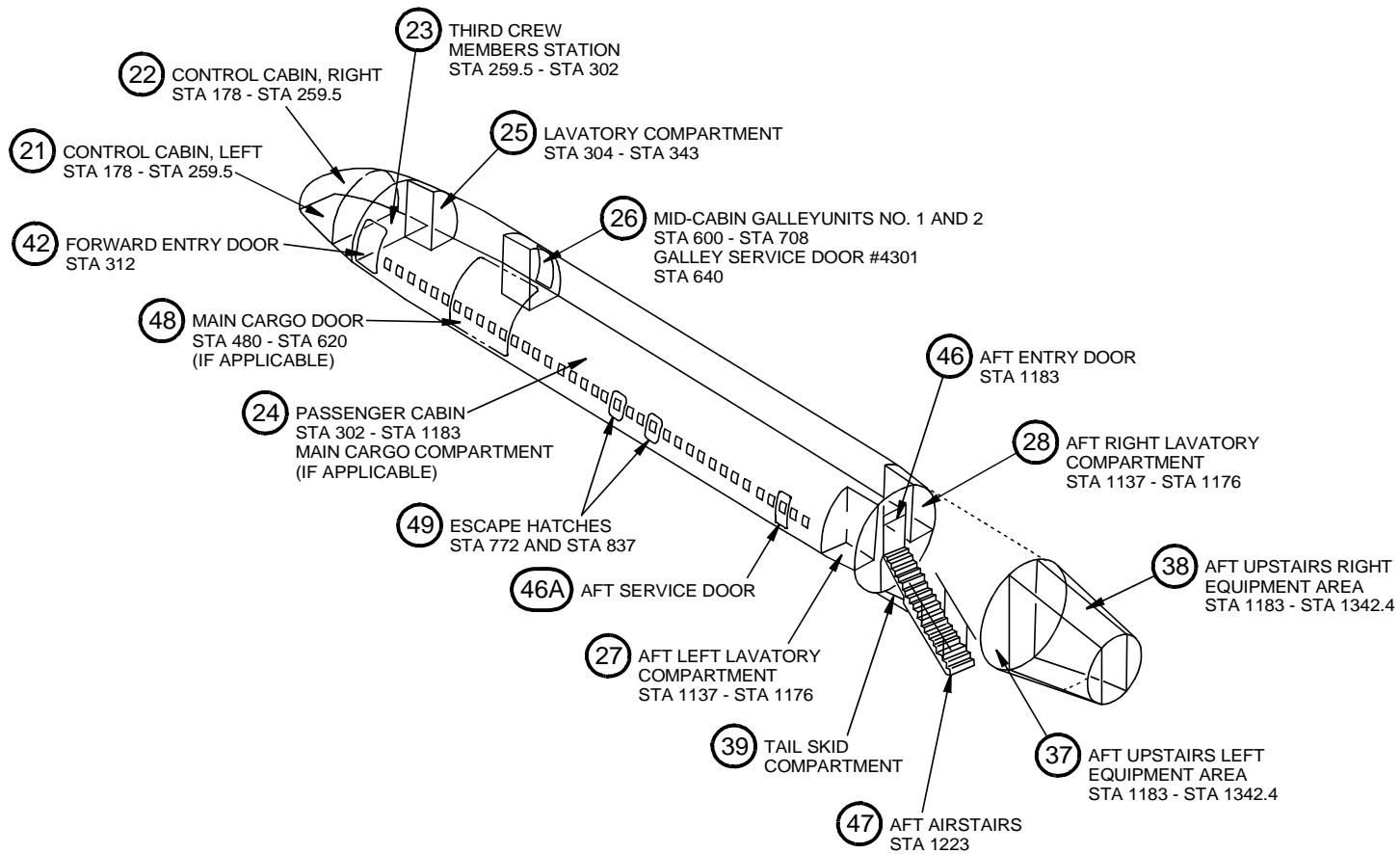
FIGURE 1. 727-100/-200 - MAJOR ZONE DIAGRAM

727-100/-200 MSG-3 MAINTENANCE PLANNING DATA



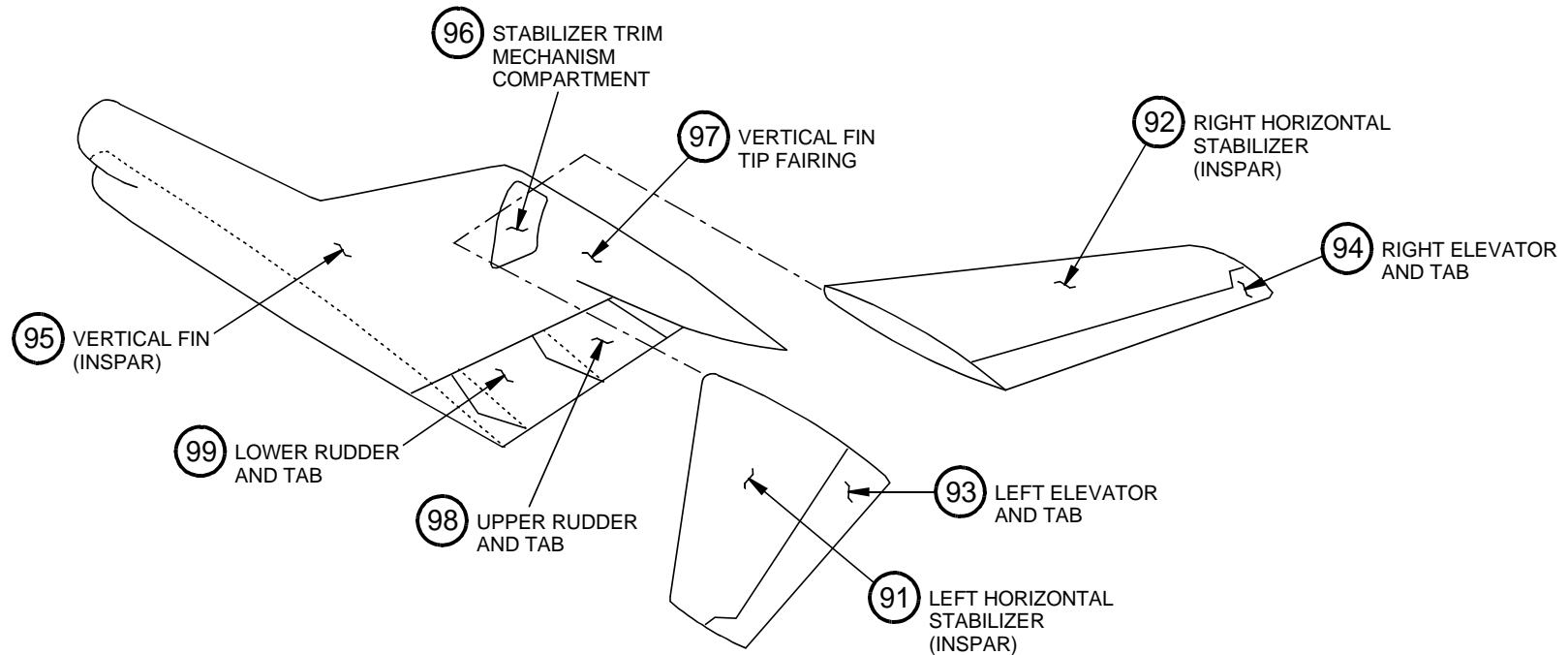
Zone 1 - Lower Half of Fuselage

FIGURE 2. 727-100/-200 - MAJOR ZONE 1 - LOWER HALF OF FUSELAGE



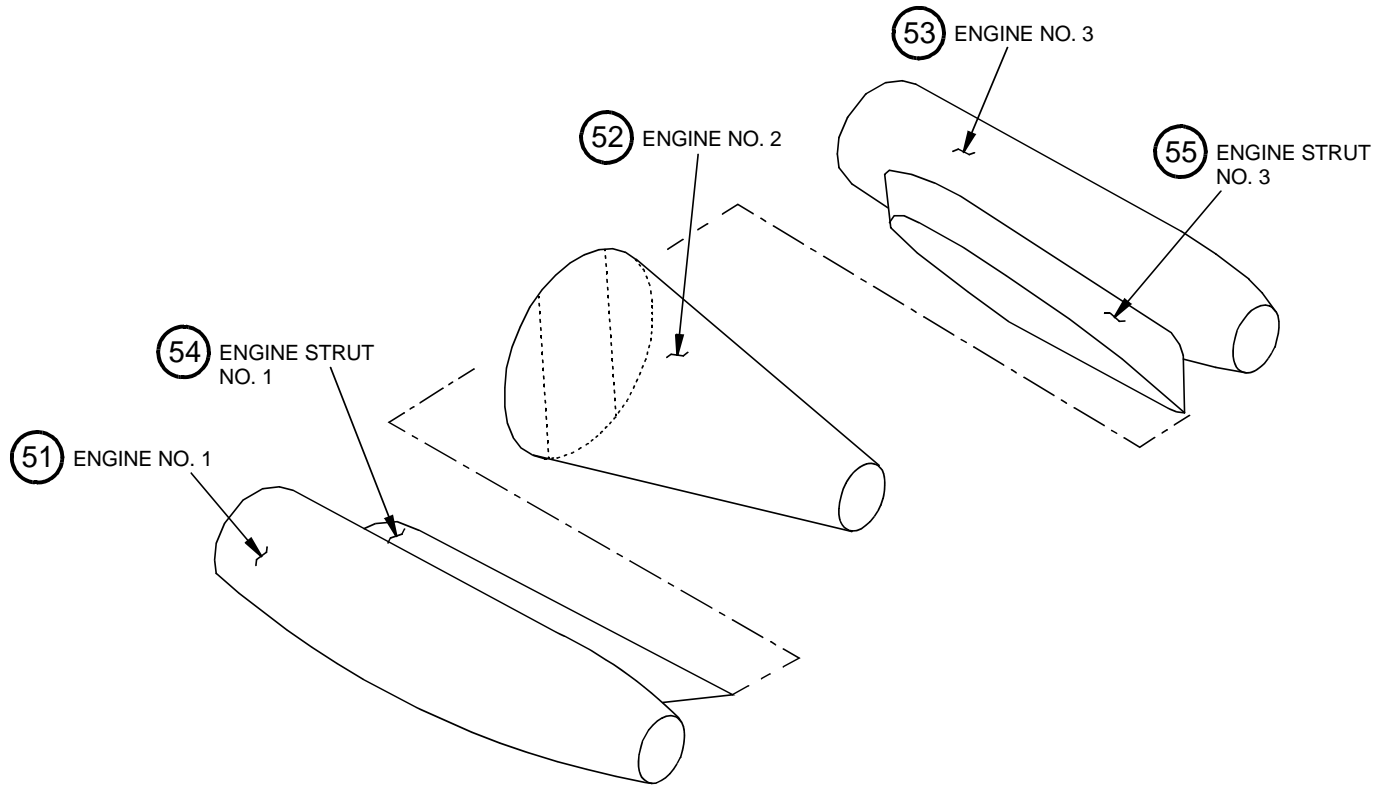
Zone 2 - Upper Half of Fuselage

FIGURE 3. 727-100/-200 - MAJOR ZONE 2 - UPPER HALF OF FUSELAGE



Zone 3 - Empennage

FIGURE 4. 727-100/-200 - MAJOR ZONE 3 - EMPENNAGE



Zone 4 - Power Plants and Struts

FIGURE 5. 727-100/-200 - MAJOR ZONE 4 - POWER PLANTS AND STRUTS

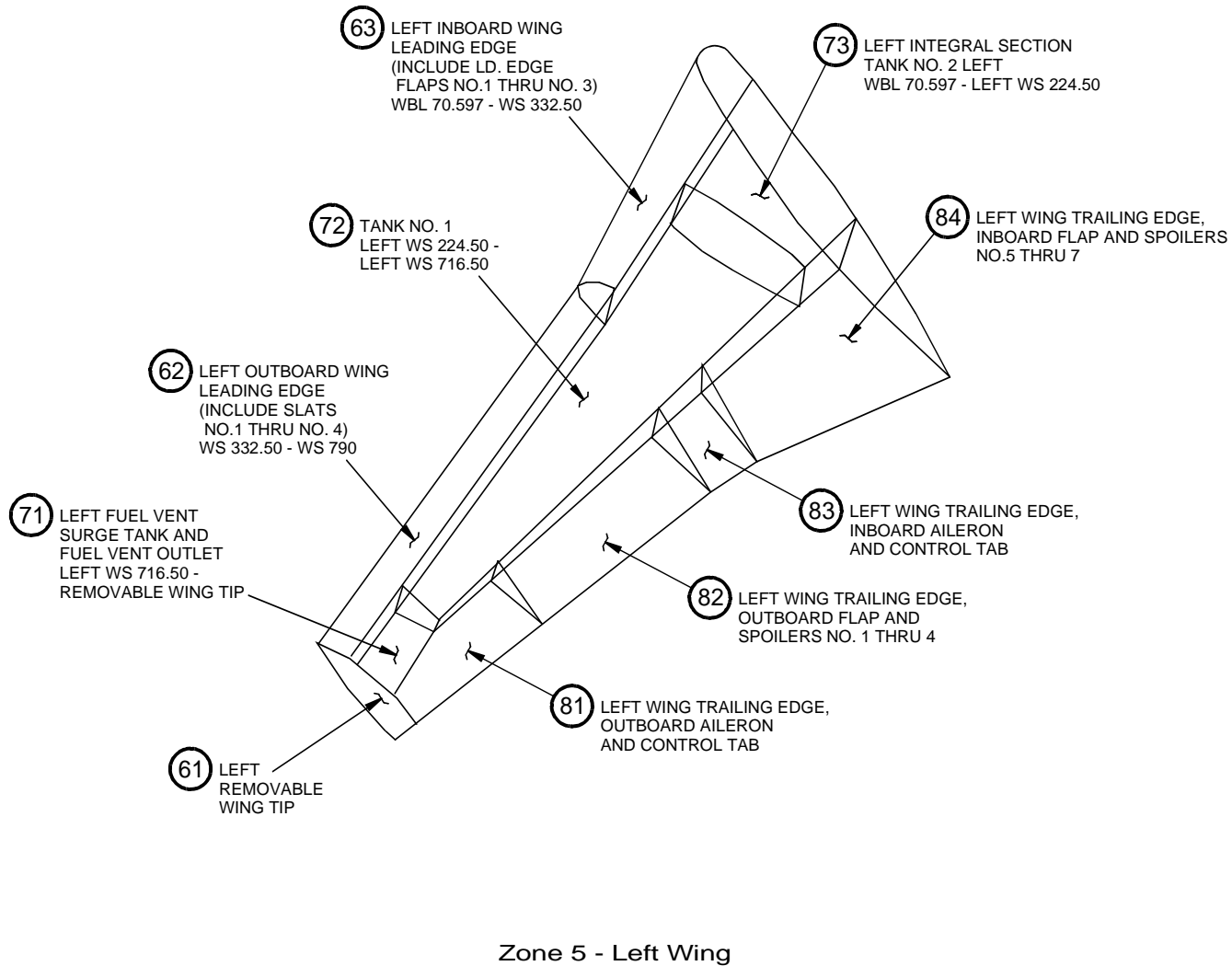
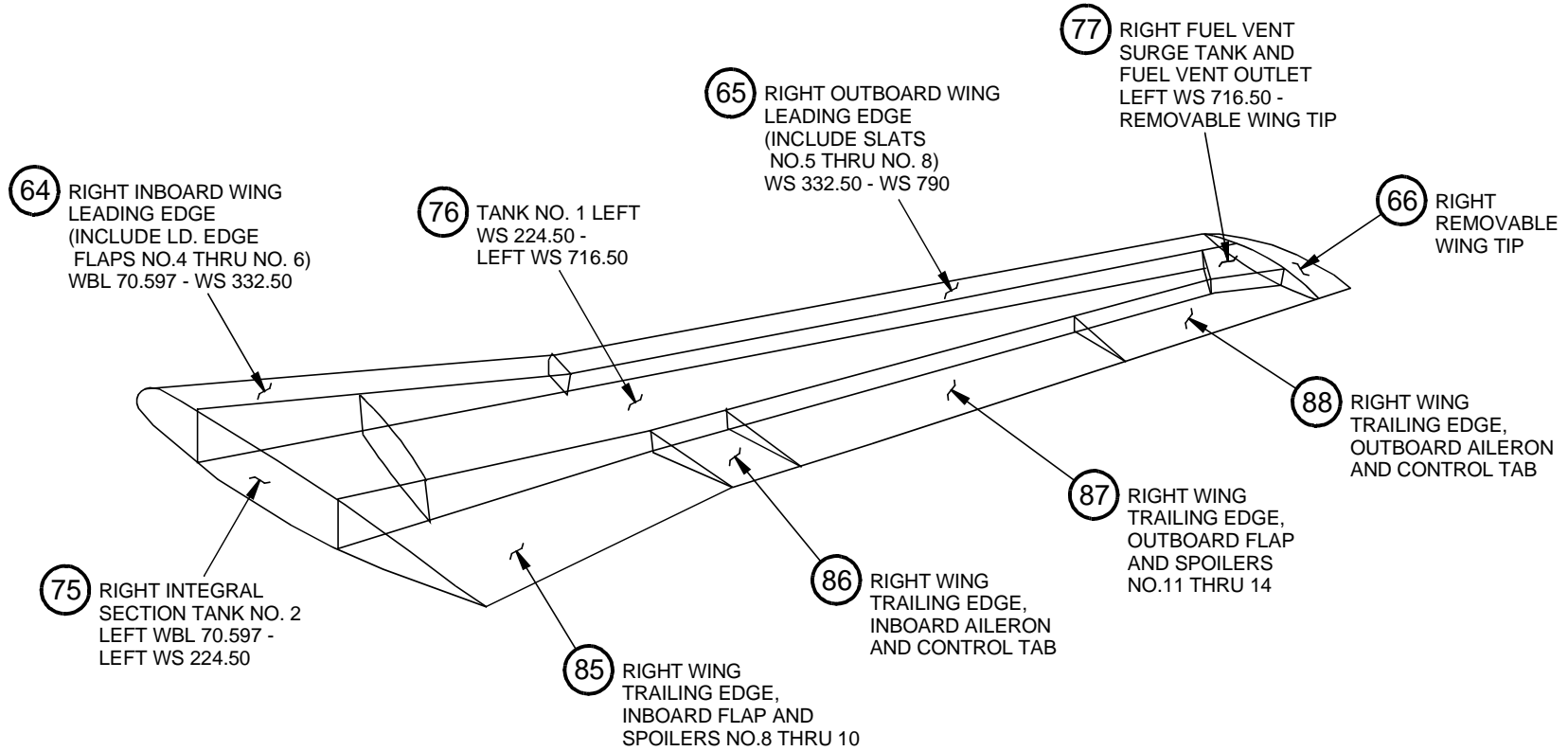


FIGURE 6. 727-100/-200 - MAJOR ZONE 5 - LEFT WING



Zone 6 - Right Wing

FIGURE 7. 727-100/-200 - MAJOR ZONE 6 - RIGHT WING



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

SECTION 4. ACCESS DOORS AND PANELS

LIST OF FIGURES	4.0-3
A. GENERAL	4.0-5



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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

LIST OF FIGURES

FIGURE 1	BODY SECTION 41 - ACCESS DOORS AND PANELS (727-100/-200)	4.0-6
FIGURE 2	BODY SECTION 41 - ACCESS DOORS AND PANELS (727-100/-200)	4.0-7
FIGURE 3	BODY SECTION 43 - ACCESS DOORS AND PANELS - (BS 360-740)(ALL EXCEPT 727-200)	4.0-9
FIGURE 4	BODY SECTION 43 ACCESS DOORS AND PANELS (ALL EXCEPT 727-200)	4.0-11
FIGURE 5	BODY SECTION 43 - ACCESS DOORS AND PANELS (BS 740-1183) (727-200)	4.0-13
FIGURE 6	BODY SECTION 43 ACCESS DOORS AND PANELS (BS740-1183)(727-200)	4.0-15
FIGURE 7	BODY SECTION 46 - ACCESS DOORS AND PANELS (BS740-1183)(EXCEPT 727-200)	4.0-17
FIGURE 8	BODY SECTION 46 - ACCESS DOORS AND PANELS (BS 740-1183) (EXCEPT 727-200)	4.0-19
FIGURE 9	BODY SECTION 46 - ACCESS DOORS AND PANELS CONFIGURATION DIAGRAM (ALL EXCEPT 727-200)	4.0-21
FIGURE 10	BODY SECTION 46 - ACCESS DOORS AND PANELS (727-200)	4.0-23
FIGURE 11	BODY SECTION 46 - ACCESS DOORS AND PANELS (727-200)	4.0-25
FIGURE 12	BODY SECTION 46 - ACCESS DOORS AND PANELS (BS 740-870) (727-200)	4.0-27
FIGURE 13	BODY SECTION 48 - ACCESS DOORS AND PANELS.	4.0-30
FIGURE 14	BODY SECTION 48 - ACCESS DOORS AND PANELS.	4.0-32
FIGURE 15	CENTER INLET, FIN AND RUDDER ACCESS DOORS AND PANELS (727-100)	4.0-34
FIGURE 16	CENTER INLET, FIN AND RUDDER ACCESS DOORS AND PANELS (727-100)	4.0-37
FIGURE 17	CENTER INLET, FIN AND RUDDER ACCESS DOORS AND PANELS (727-200)	4.0-40
FIGURE 18	CENTER INLET, FIN AND RUDDER ACCESS DOORS AND PANELS (727-200)	4.0-43
FIGURE 19	WING LOWER SURFACE ACCESS PANELS AND DOORS.	4.0-46
FIGURE 20	WING LOWER SURFACE ACCESS DOORS AND PANELS.	4.0-53
FIGURE 21	WING UPPER SURFACE ACCESS DOORS AND PANELS	4.0-60
FIGURE 22	WING UPPER SURFACE ACCESS DOORS AND PANELS	4.0-63
FIGURE 23	NACELLE AND STRUT ACCESS DOORS AND PANELS.	4.0-66
FIGURE 24	NACELLE AND STRUT ACCESS DOORS AND PANELS.	4.0-70
FIGURE 25	NACELLE AND STRUT ACCESS DOORS AND PANELS.	4.0-72
FIGURE 26	INTERIOR ACCESS DOORS AND PANELS	4.0-74
FIGURE 27	INTERIOR ACCESS DOORS AND PANELS	4.0-76
FIGURE 28	AFT AIRSTAIR DOOR AND PANELS.	4.0-78



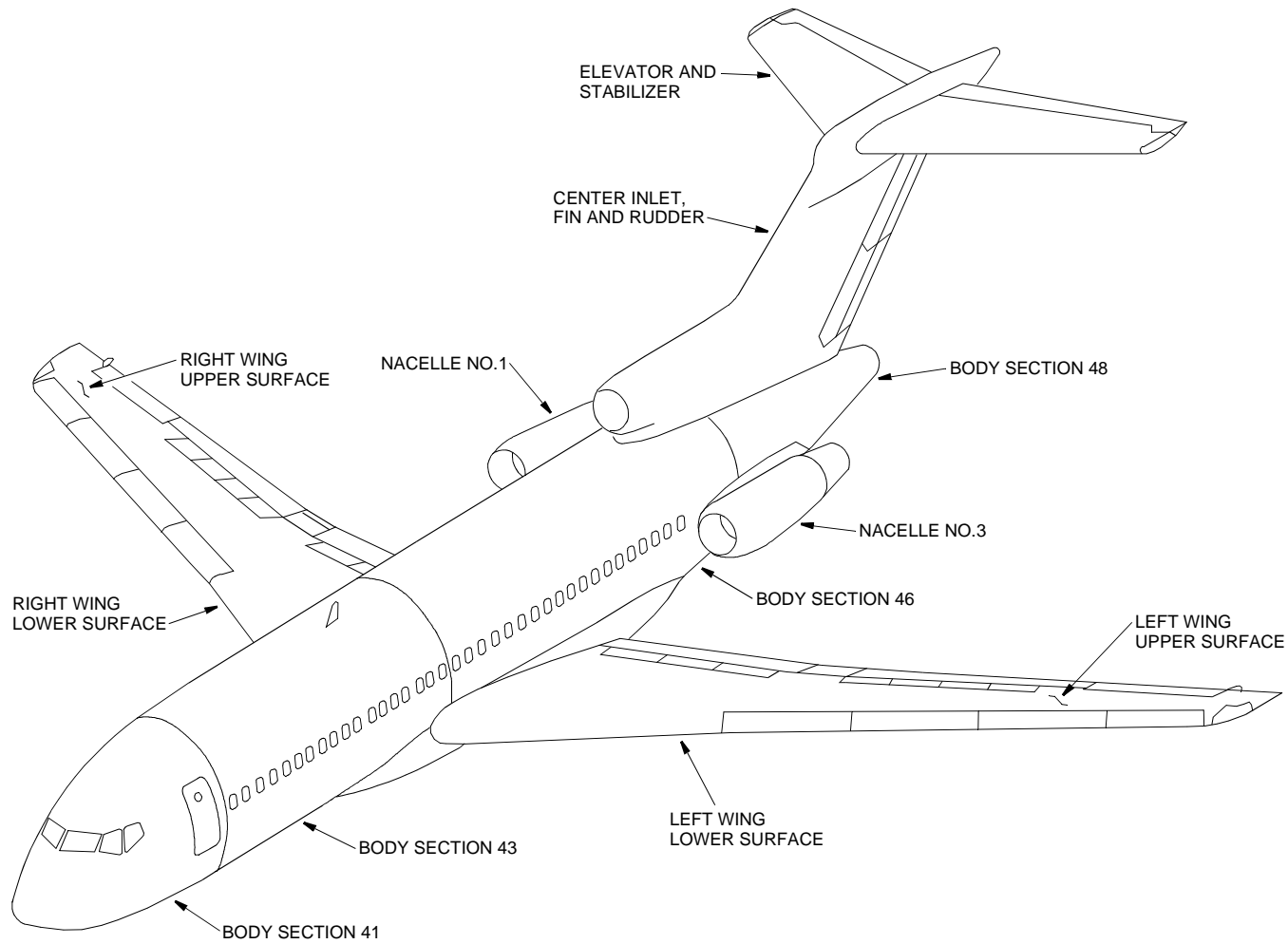
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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

A. GENERAL

Access doors and panels are assigned alpha/numeric numbers and are identified by a three digit zone number often followed by two letters. The first letter denotes the panel location within the zone and is arranged in alphabetical order from front to back and from inboard to outboard. The second letter identifies the panel location, i.e., (L) Left, (R) Right, (T) Top, (B) Bottom, (Z) Internal.



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FIGURE 1. BODY SECTION 41 - ACCESS DOORS AND PANELS (727-100/-200)

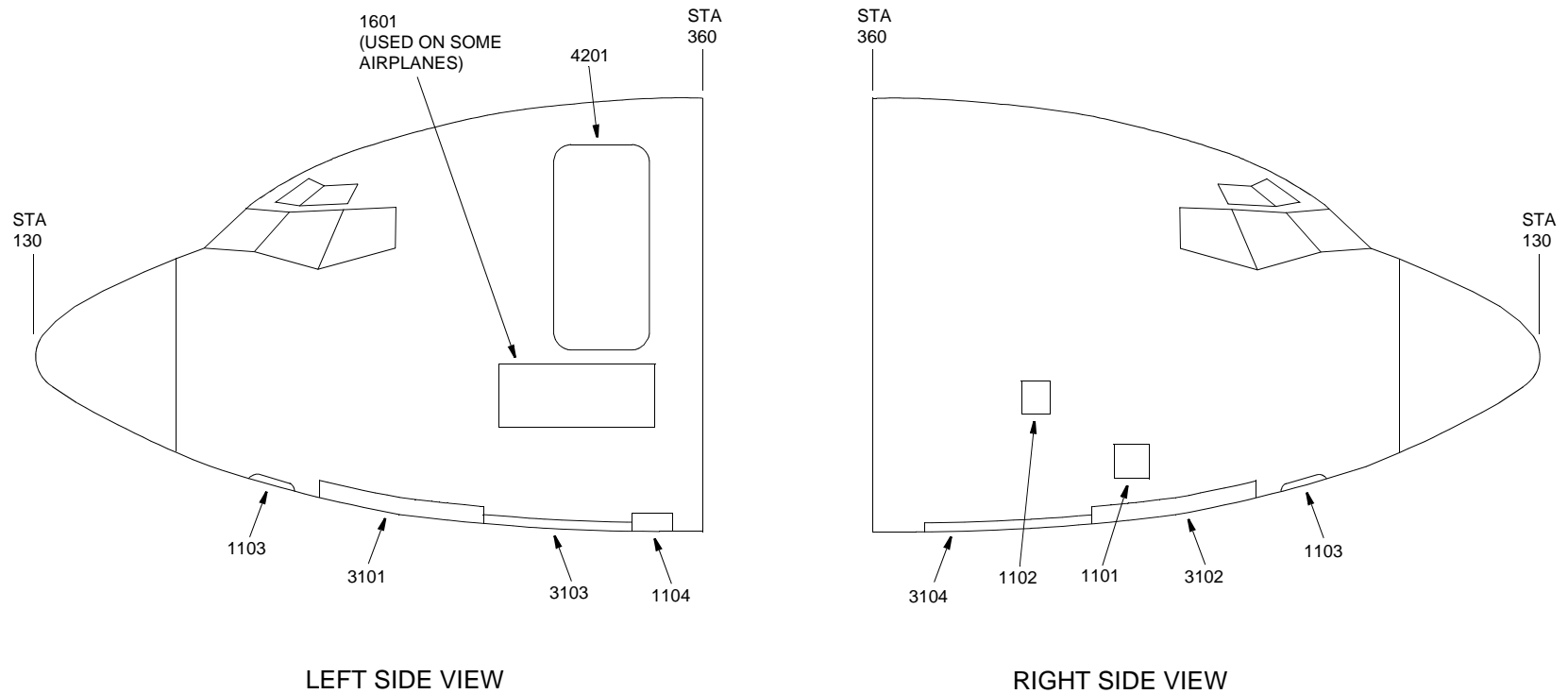


FIGURE 2. BODY SECTION 41 - ACCESS DOORS AND PANELS (727-100/-200)

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 41
1101	EXT. POWER RECEPTACLE DOOR
1102	FWD TOILET SERVICE DOOR
1103	FWD ACCESS DOOR
1104	PANEL - NOSE WHEEL WELL
1601	FWD AIR STAIRS DOOR
3101	FWD NOSE WHEEL WELL DOOR
3102	FWD NOSE WHEEL WELL DOOR
3103	AFT NOSE GEAR DOOR
3104	AFT NOSE GEAR DOOR
4201	FWD ENTRY DOOR

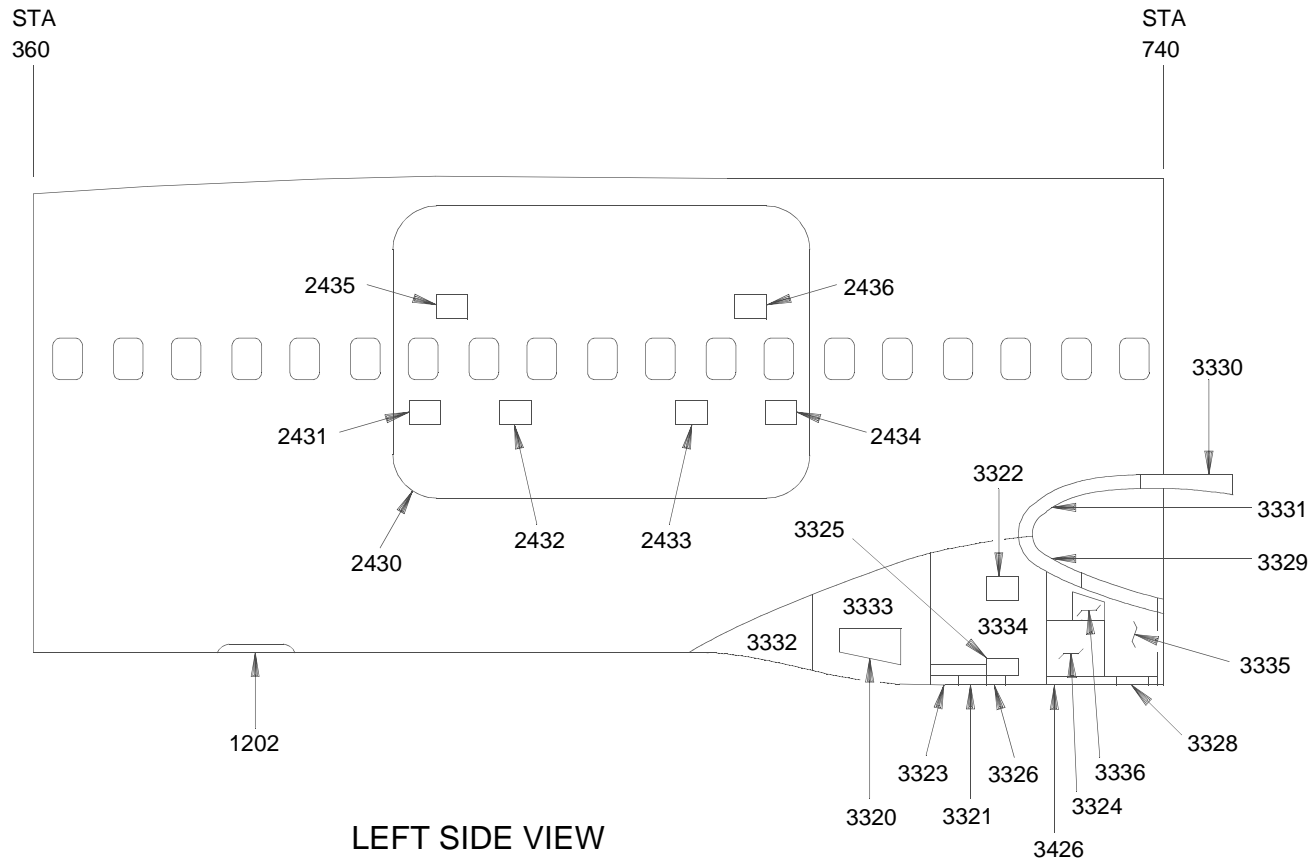


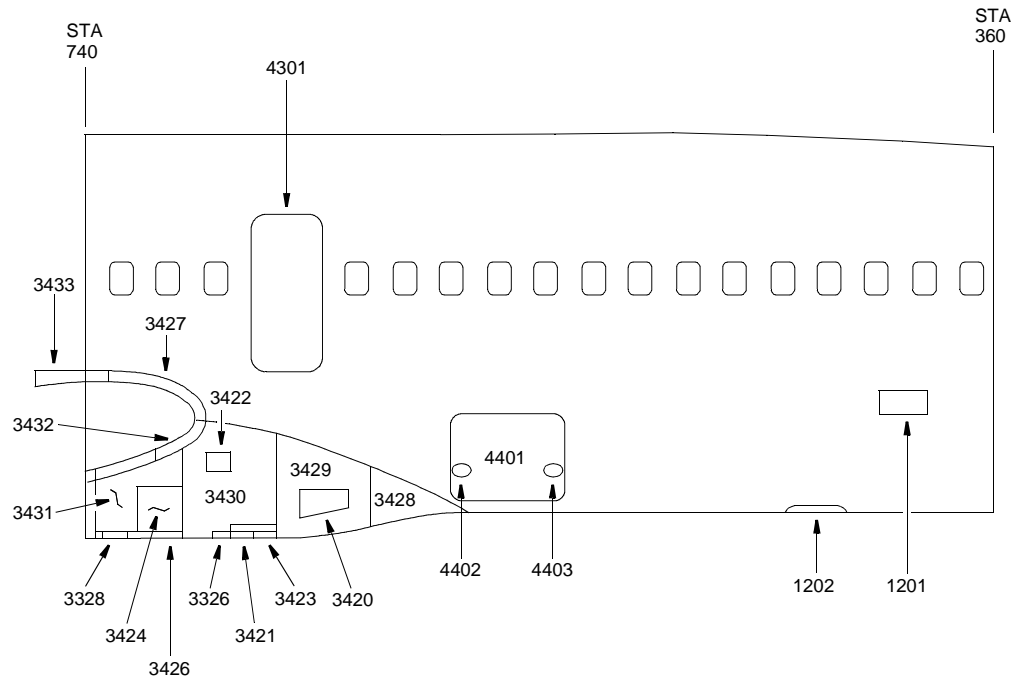
FIGURE 3. BODY SECTION 43 - ACCESS DOORS AND PANELS - (BS 360-740)(ALL EXCEPT 727-200)

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 43
1202	ELECTRONIC ACCESS DOOR
2430	MAIN CARGO DOOR
2431	LATCH ACTUATOR ACCESS PANEL
2432	LATCH ACTUATOR ACCESS PANEL
2433	LATCH ACTUATOR ACCESS PANEL
2434	LATCH ACTUATOR ACCESS PANEL
2435	DRIFT PIN ACCESS PANEL
2436	DRIFT PIN ACCESS PANEL
3320	STRUCT ACCESS PANEL
3321	GROUND AIR ACCESS PANEL
3322	STRUCT ACCESS PANEL
3323	G/A MOVER DOOR (727-100)
3324	A/C FAN ACCESS PANEL (727-100)
3325	SERVICE DOOR WATER DRAIN
3326	A/C ACCESS PANEL
3328	SERVICE DOOR G/A CONNECTOR
3329	LEADING EDGE FAIRING (727-100)
3330	AFT PANEL OF LEADING EDGE FAIRING (727-100)
3331	LEADING EDGE FAIRING (727-100)
3332	A/C FAIRING NOSE PANEL (727-100)
3333	A/C FAIRING FORWARD PANEL (727-100)
3334	A/C FAIRING CENTER PANEL (727-100)
3335	A/C FAIRING AFT PANEL (727-100)
3336	WATER SERVICE PANEL
3426	A/C FAIRING AFT CENTER PANEL



RIGHT SIDE VIEW

FIGURE 4. BODY SECTION 43 ACCESS DOORS AND PANELS (ALL EXCEPT 727-200)

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 43
1201	OXYGEN SERVICE PANEL
1202	ELECTRONIC ACCESS DOOR
3326	A/C ACCESS PANEL
3328	G/A CONNECTOR SERVICE DOOR
3420	ACCESS PANEL
3421	ACCESS PANEL
3422	ACCESS PANEL
3423	G/A MOVER DOOR
3424	A/C FAN ACCESS PANEL
3426	AFT CENTER PANEL
3427	LEADING EDGE FAIRING
3428	A/C FAIRING NOSE PANEL
3429	A/C FAIRING FORWARD PANEL
3430	A/C FAIRING CENTER PANEL
3431	A/C FAIRING AFT PANEL
3432	LEADING EDGE FAIRING
3433	AFT PANEL OF LEADING EDGE FAIRING
4301	MID CABIN GALLEY DOOR
4401	FORWARD CARGO DOOR
4402	FORWARD CARGO DOOR ACCESS PANEL
4403	FORWARD CARGO DOOR ACCESS PANEL

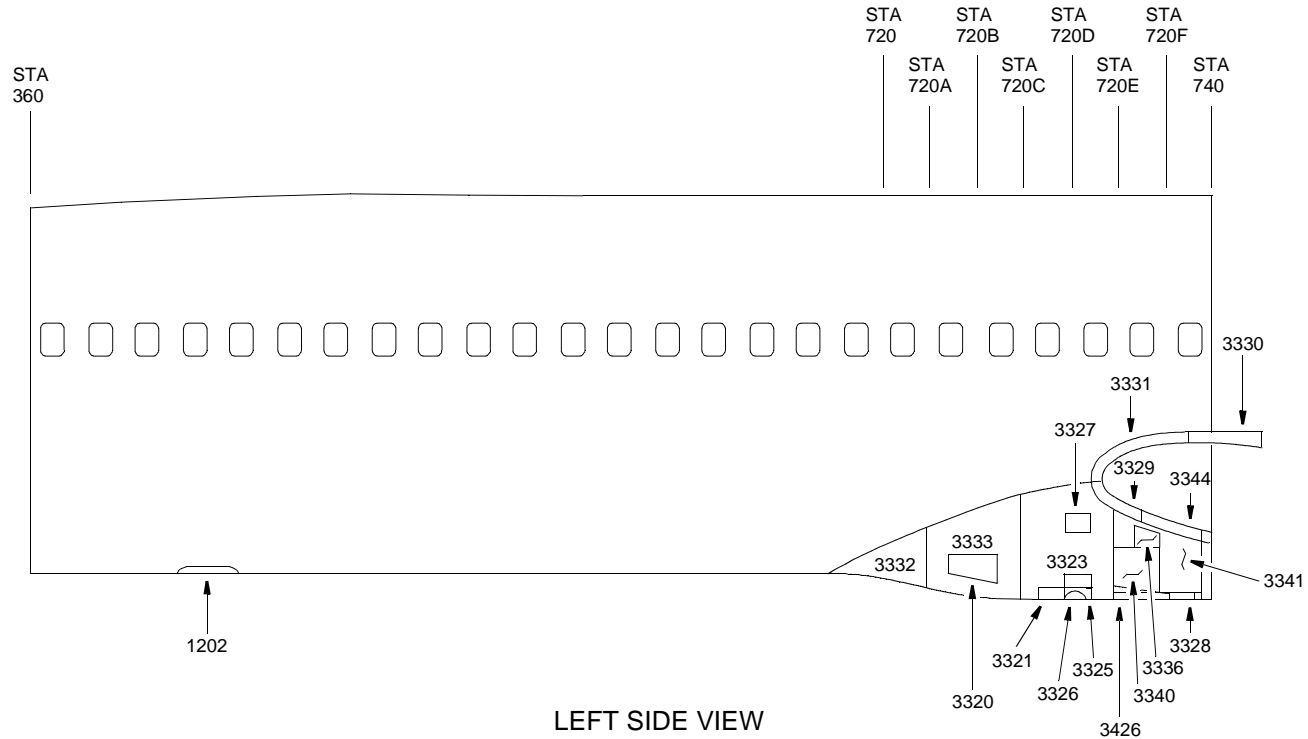


FIGURE 5. BODY SECTION 43 - ACCESS DOORS AND PANELS (BS 740-1183) (727-200)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 43
1202	ELECTRONIC ACCESS DOOR
3320	STRUCT ACCESS PANEL
3321	GROUND AIR ACCESS PANEL
3322	ACCESS PANEL
3325	SERVICE DOOR WATER DRAIN
3326	A/C ACCESS PANEL
3328	SERVICE DOOR G/A CONNECTOR
3336	WATER SERVICE PANEL
3337	REMOVABLE NOSE PANEL - A/C FAIRING
3338	REMOVABLE FWD PANEL - A/C FAIRING
3339	REMOVABLE CTR PANEL - A/C FAIRING
3340	ACCESS PANEL A/C FAN
3341	REMOVABLE FAIRING PANEL
3342	REMOVABLE LE FAIRING
3343	REMOVABLE LE FAIRING
3344	REMOVABLE LE FAIRING
3345	REMOVABLE OVERWING FAIRING
3426	AFT CENTER PANEL

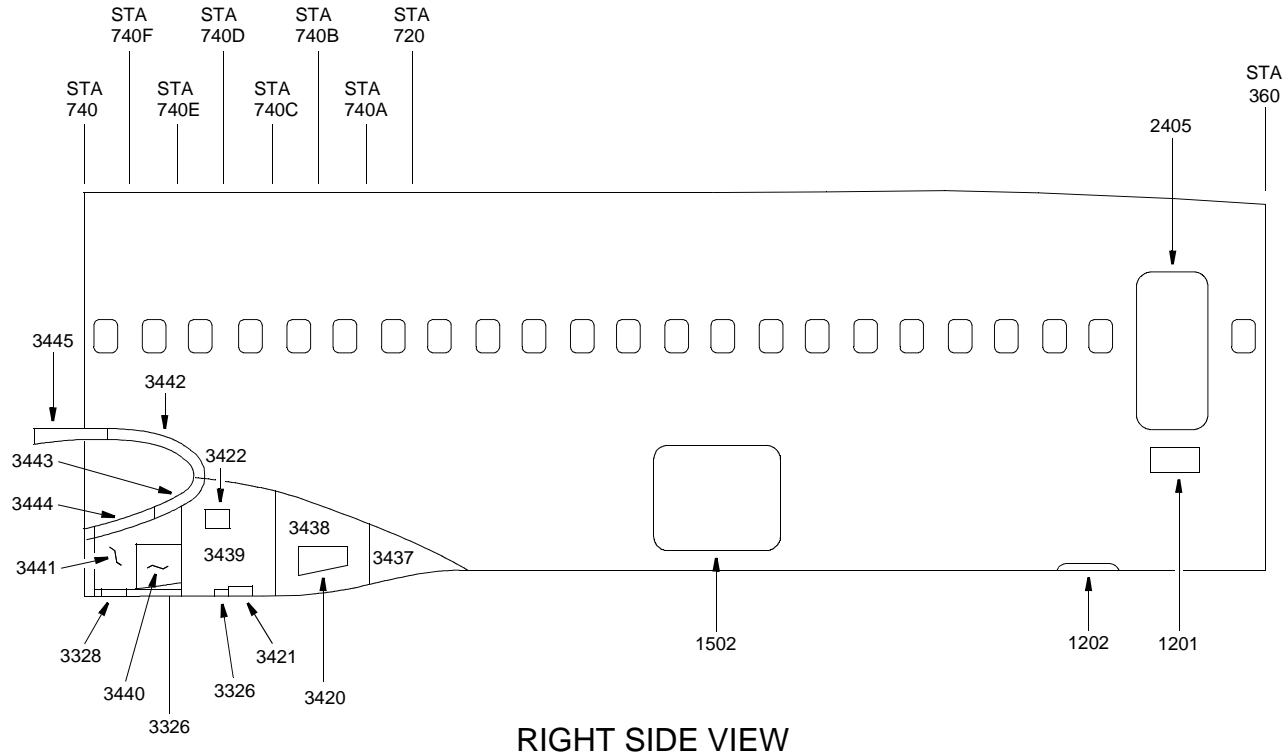


FIGURE 6. BODY SECTION 43 ACCESS DOORS AND PANELS (BS740-1183)(727-200)

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 43
1201	OXYGEN SERVICE PANEL
1202	ELECTRONIC ACCESS DOOR
1502	NO. 1 CARGO DOOR
2405	GALLEY DOOR
3326	A/C ACCESS PANEL
3328	SERVICE DOOR G/A CONNECTOR
3420	ACCESS PANEL
3421	ACCESS PANEL
3422	ACCESS PANEL
3426	AFT CENTER PANEL
3434	FUEL DRAIN ACCESS DOOR
3437	REMOVABLE NOSE PANEL - A/C FAIRING
3438	REMOVABLE FWD PANEL - A/C FAIRING
3439	REMOVABLE CTR PANEL - A/C FAIRING
3440	ACCESS PANEL A/C FAN
3441	REMOVABLE FAIRING PANEL
3442	REMOVABLE LE FAIRING
3443	REMOVABLE LE FAIRING
3444	REMOVABLE LE FAIRING
3445	REMOVABLE OVERWING FAIRING

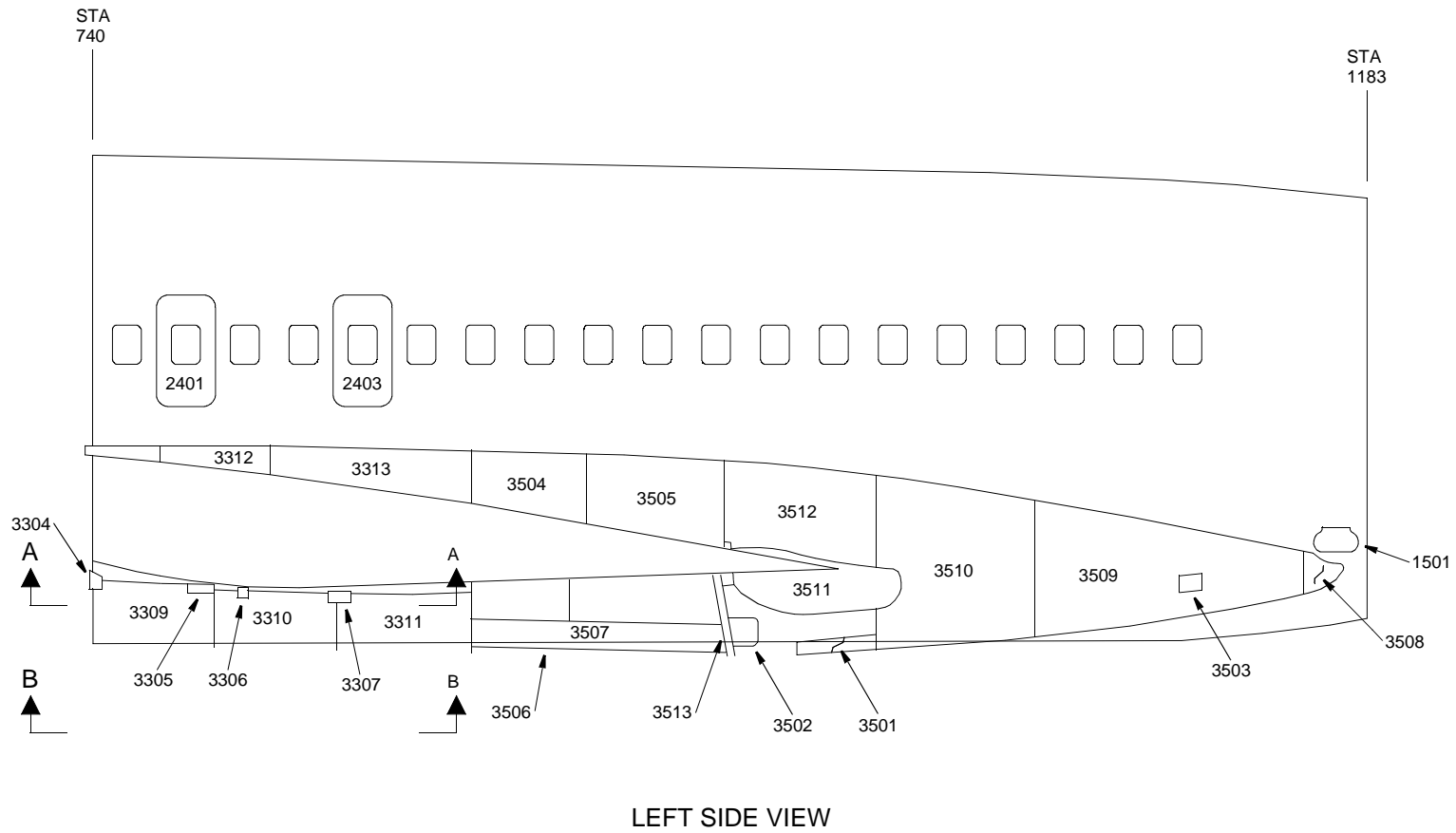


FIGURE 7. BODY SECTION 46 - ACCESS DOORS AND PANELS (BS740-1183)(EXCEPT 727-200)

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 46
1501	AFT TOILET SERVICE PANEL
2401	EMERGENCY EXIT HATCH (727-100)
2403	EMERGENCY EXIT HATCH (727-100)
3304	ACCESS DOOR (727-100)
3305	ACCESS DOOR (727-100)
3306	ACCESS DOOR (727-100)
3307	ACCESS DOOR (727-100)
3309	SKIN PANEL (727-100)
3310	SKIN PANEL (727-100)
3311	SKIN PANEL (727-100)
3312	SKIN PANEL (727-100)
3313	SKIN PANEL (727-100)
3501	ACCESS PANEL (727-100)
3502	HYDRAULIC ACCESS DOOR (727-100)
3503	HYDRAULIC ACCESS DOOR (727-100)
3504	SKIN PANEL (727-100)
3505	SKIN PANEL (727-100)
3506	MAIN GEAR INBOARD DOOR
3507	MAIN GEAR OUTBOARD DOOR
3508	SKIN PANEL (727-100)
3509	SKIN PANEL (727-100)
3510	SKIN PANEL (727-100)
3511	AFT FAIRING SKIN PANEL
3512	SKIN PANEL (727-100)
3513	WHEEL WELL FAIRING (727-100)

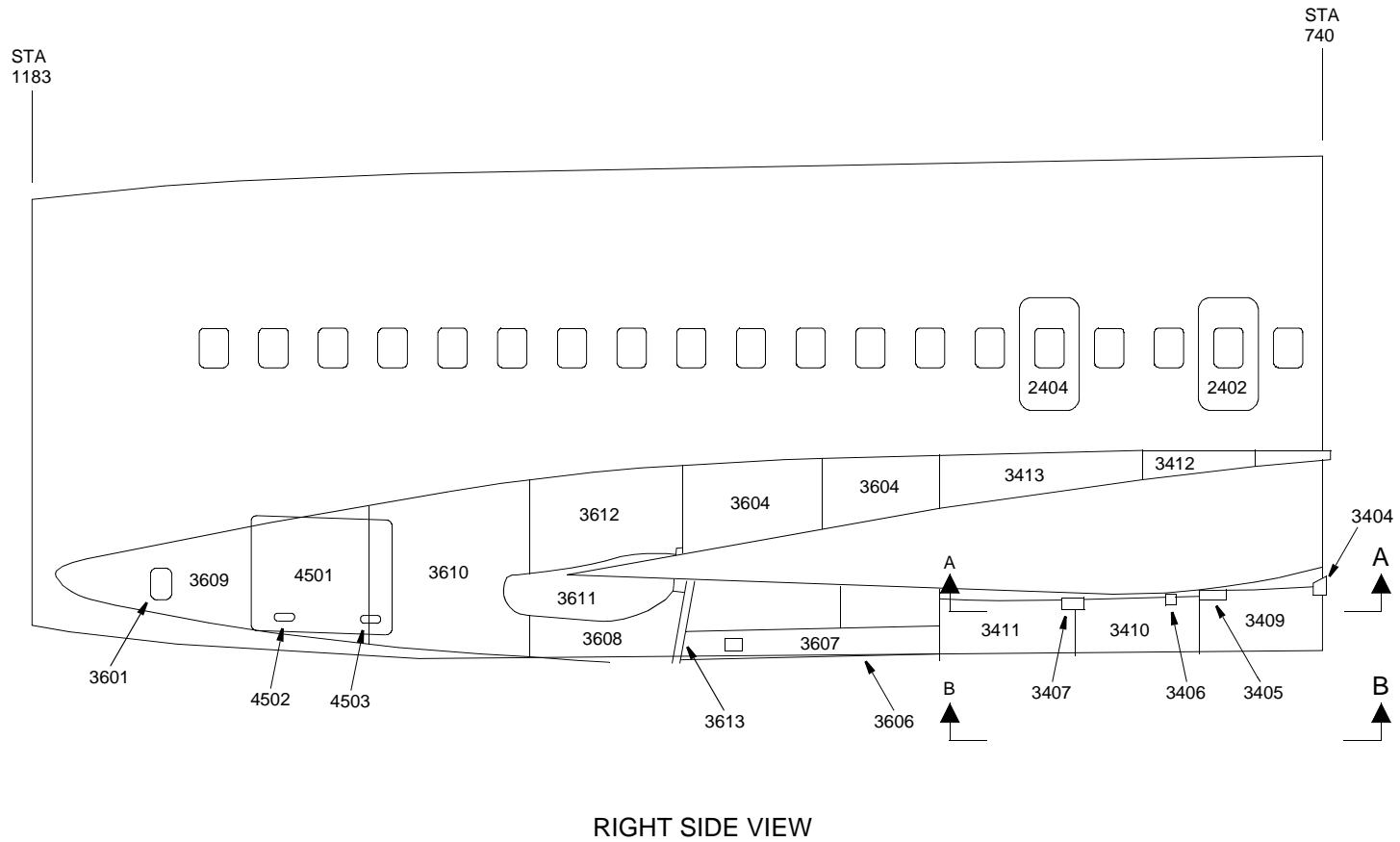


FIGURE 8. BODY SECTION 46 - ACCESS DOORS AND PANELS (BS 740-1183) (EXCEPT 727-200)

MSG7960



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section - Body Section 46
2402	EMERGENCY EXIT HATCH (727-100)
2404	EMERGENCY EXIT HATCH (727-100)
3208	KEEL BEAM ACCESS DOOR
3404	ACCESS DOOR (727-100)
3405	ACCESS DOOR (727-100)
3406	ACCESS DOOR (727-100)
3407	ACCESS DOOR (727-100)
3409	SKIN PANEL (727-100)
3410	SKIN PANEL (727-100)
3411	SKIN PANEL (727-100)
3412	SKIN PANEL (727-100)
3413	SKIN PANEL (727-100)
3601	ROLLER ACCESS PANEL (727-100)
3604	SKIN PANEL (727-100)
3605	SKIN PANEL
3606	MAIN GEAR INBOARD DOOR
3607	MAIN GEAR OUTBOARD DOOR
3608	SKIN PANEL (727-100)
3609	MOVABLE FAIRING (727-100)
3610	SKIN PANEL (727-100)
3611	AFT FAIRING SKIN PANEL
3612	SKIN PANEL (727-100)
3613	WHEEL WELL FAIRING (727-100)
4501	AFT CARGO DOOR (727-100)
4502	AFT CARGO DOOR ACCESS PANEL (727-100)
4503	AFT CARGO DOOR ACCESS PANEL (727-100)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

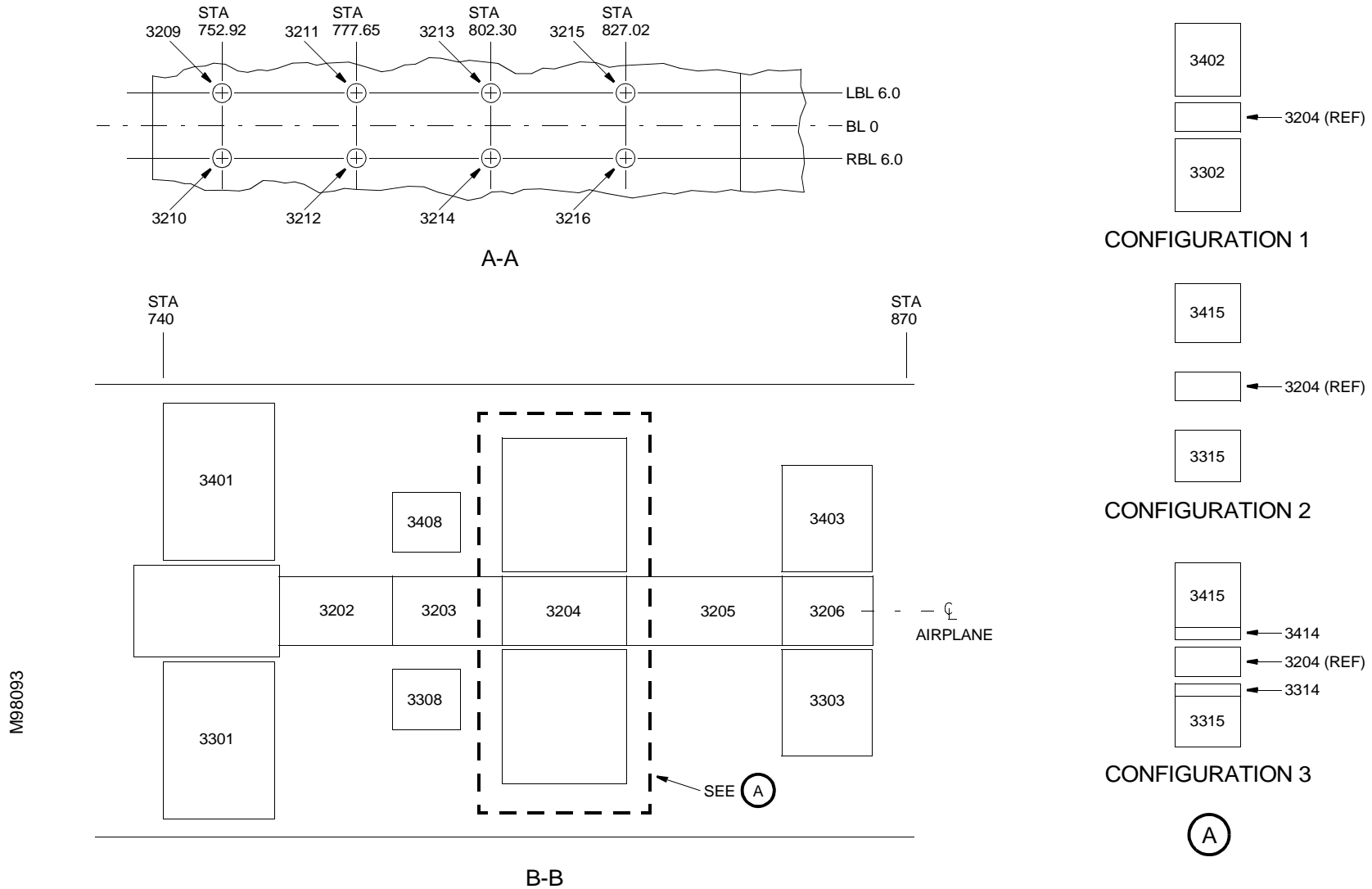
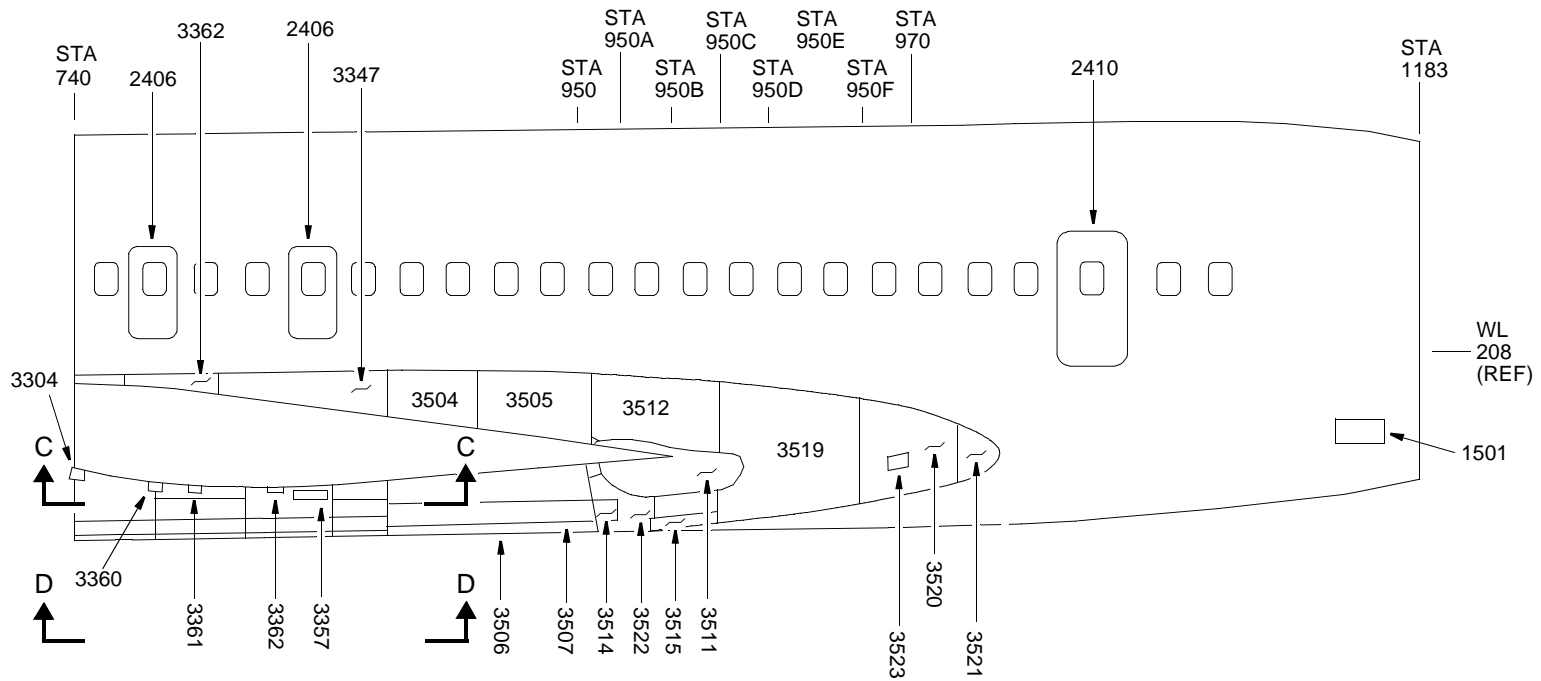


FIGURE 9. BODY SECTION 46 - ACCESS DOORS AND PANELS CONFIGURATION DIAGRAM (ALL EXCEPT 727-200)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 46
3202	SKIN PANEL
3203	SKIN PANEL
3204	SKIN PANEL
3205	SKIN PANEL
3206	SKIN PANEL
3209	LWR SURFACE REMOVABLE COVERPLATE
3210	LWR SURFACE REMOVABLE COVERPLATE
3211	LWR SURFACE REMOVABLE COVERPLATE
3212	LWR SURFACE REMOVABLE COVERPLATE
3213	LWR SURFACE REMOVABLE COVERPLATE
3214	LWR SURFACE REMOVABLE COVERPLATE
3215	LWR SURFACE REMOVABLE COVERPLATE
3216	LWR SURFACE REMOVABLE COVERPLATE
3301	ACCESS DOOR (727-100)
3302	ACCESS DOOR (727-100)
3303	ACCESS DOOR (727-100)
3308	ACCESS DOOR (BLOW OFF) (727-100)
3314	SKIN PANEL (727-100)
3315	ACCESS DOOR (727-100)
3401	ACCESS DOOR (727-100)
3402	ACCESS DOOR (727-100)
3403	ACCESS DOOR (727-100)
3408	ACCESS DOOR (BLOW OFF) (727-100)
3414	SKIN PANEL (727-100)
3415	ACCESS DOOR (727-100)



LEFT SIDE VIEW

FIGURE 10. BODY SECTION 46 - ACCESS DOORS AND PANELS (727-200)

M98154



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 46
1501	AFT TOILET SERVICE PANEL
2406	EMERGENCY EXIT HATCH (727-200)
2408	EMERGENCY EXIT HATCH (727-200)
2410	AFT SERVICE DOOR LH (727-200)
3347	REMOVABLE FAIRING PANEL
3352	REMOVABLE FAIRING PANEL
3357	A/C ACCESS PANEL
3359	FAIRING ACCESS PANEL
3360	FAIRING ACCESS PANEL
3361	FAIRING ACCESS PANEL
3362	FAIRING ACCESS PANEL
3504	SKIN PANEL (727-100)
3506	MAIN GEAR INBOARD DOOR
3507	MAIN GEAR OUTBOARD DOOR
3511	AFT FAIRING SKIN PANEL
3512	SKIN PANEL (727-100)
3514	HYDRAULIC ACCESS DOOR
3515	HYDRAULIC ACCESS DOOR
3516	OVERWING FAIRING PANEL
3517	OVERWING FAIRING PANEL
3518	REMOVABLE FAIRING PANEL
3519	REMOVABLE FAIRING PANEL
3520	REMOVABLE FAIRING PANEL
3521	REMOVABLE FAIRING PANEL
3522	REMOVABLE FAIRING PANEL
3523	HYDRAULIC ACCESS PANEL

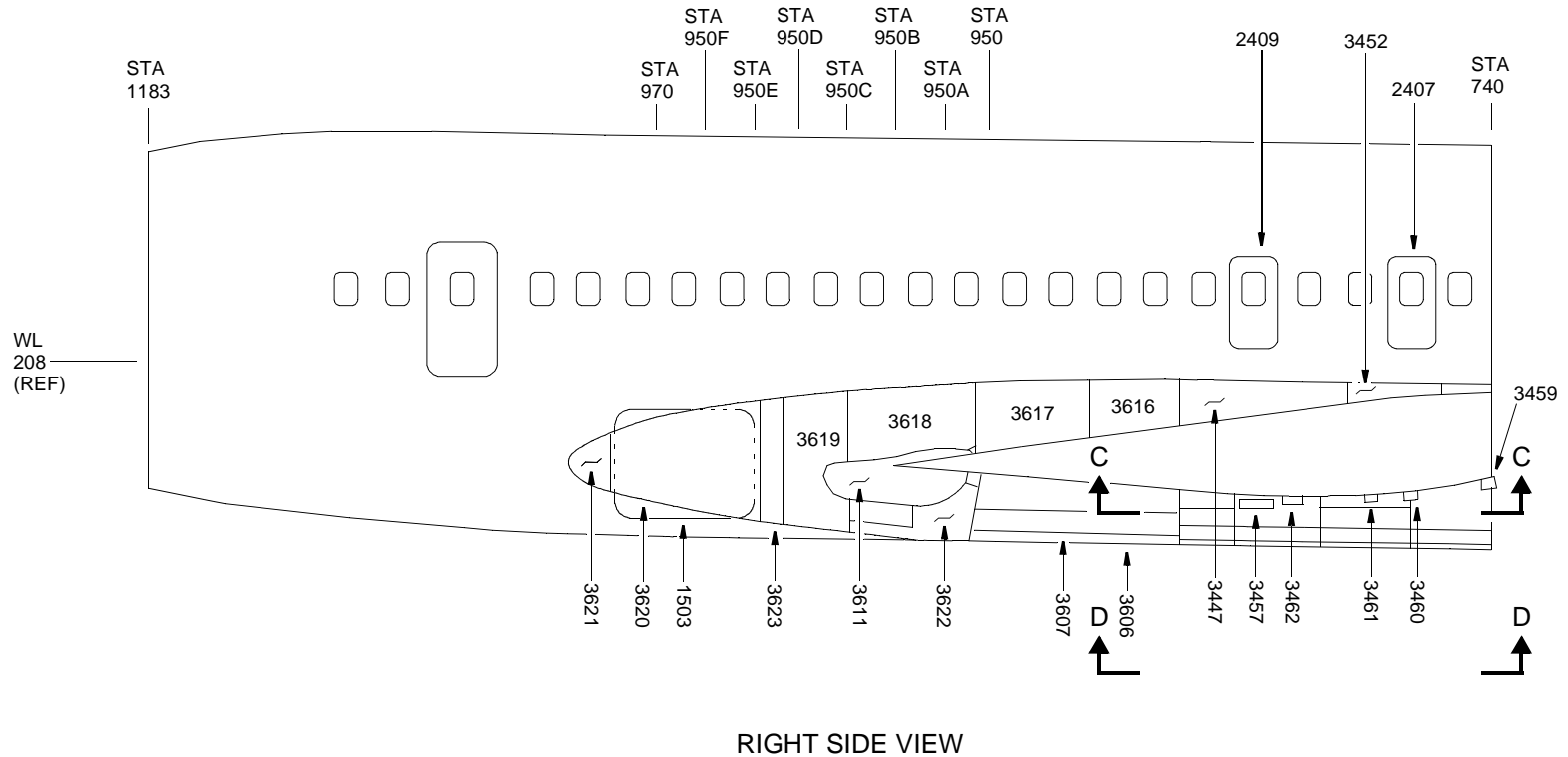


FIGURE 11. BODY SECTION 46 - ACCESS DOORS AND PANELS (727-200)

M98153



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 46
1503	NO. 2 CARGO DOOR
2407	EMERGENCY EXIT HATCH (727-200)
2409	EMERGENCY EXIT HATCH (727-200)
2411	SERVICE DOOR
3208	KEEL BEAM ACCESS DOOR
3447	REMOVABLE FAIRING PANEL
3452	REMOVABLE FAIRING PANEL
3457	A/C ACCESS PANEL
3459	FAIRING ACCESS PANEL
3460	FAIRING ACCESS PANEL
3461	FAIRING ACCESS PANEL
3462	FAIRING ACCESS PANEL
3606	MAIN GEAR INBOARD DOOR
3607	MAIN GEAR OUTBOARD DOOR
3611	AFT FAIRING SKIN PANEL
3616	OVERWING FAIRING PANEL
3617	OVERWING FAIRING PANEL
3618	REMOVABLE FAIRING PANEL
3619	REMOVABLE FAIRING PANEL
3620	REMOVABLE FAIRING PANEL
3621	REMOVABLE FAIRING PANEL
3622	REMOVABLE FAIRING PANEL
3623	REMOVABLE FAIRING PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

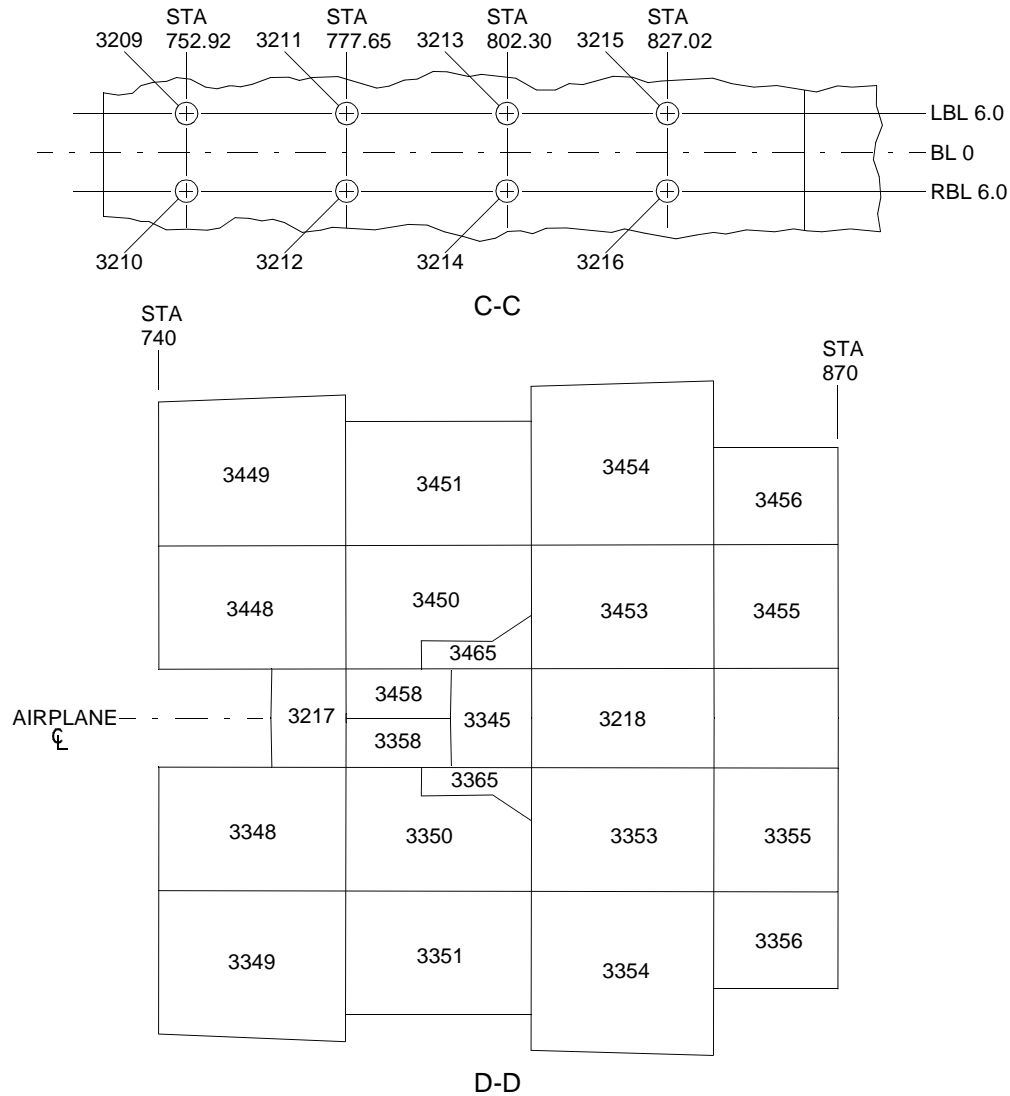


FIGURE 12. BODY SECTION 46 - ACCESS DOORS AND PANELS (BS 740-870) (727-200)

M98430



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 46
3209	LWR SURFACE REMOVABLE COVERPLATE
3210	LWR SURFACE REMOVABLE COVERPLATE
3211	LWR SURFACE REMOVABLE COVERPLATE
3212	LWR SURFACE REMOVABLE COVERPLATE
3213	LWR SURFACE REMOVABLE COVERPLATE
3214	LWR SURFACE REMOVABLE COVERPLATE
3215	LWR SURFACE REMOVABLE COVERPLATE
3216	LWR SURFACE REMOVABLE COVERPLATE
3217	KEEL BEAM ACCESS PANEL (727-200)
3218	UNDERWING ACCESS PANEL (727-200)
3345	REMOVABLE OVERWING FAIRING
3348	MIX VALVE ACCESS DOOR
3349	A/C ACCESS PANEL
3350	HEAT EXCHANGER ACCESS PANEL
3351	AIR CYCLE ACCESS DOOR
3353	HEAT EXCHANGER ACCESS PANEL
3354	A/C FAN ACCESS PANEL
3355	ISOLATION VALVE, ENGINE START VALVE AND APU LOAD CONTROL VALVE ACCESS DOOR
3356	MULTIPLE FLOW AND FAN ACCESS DOOR
3358	BLOW OFF ACCESS DOOR
3365	UNDERWING FAIRING ACCESS PANEL
3448	MIX VALVE ACCESS DOOR
3449	A/C ACCESS PANEL
3450	HEAT EXCHANGE ACCESS PANEL
3451	AIR CYCLE ACCESS DOOR
3453	HEAT EXCHANGE ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 46
3454	A/C FAN ACCESS PANEL
3455	ISOLATION VALVE, ENGINE START VALVE AND APU LOAD CONTROL VALVE ACCESS DOOR
3456	MULTIPLE FLOW AND FAN ACCESS DOOR
3458	BLOW OFF ACCESS DOOR
3465	UNDERWING FAIRING ACCESS PANEL

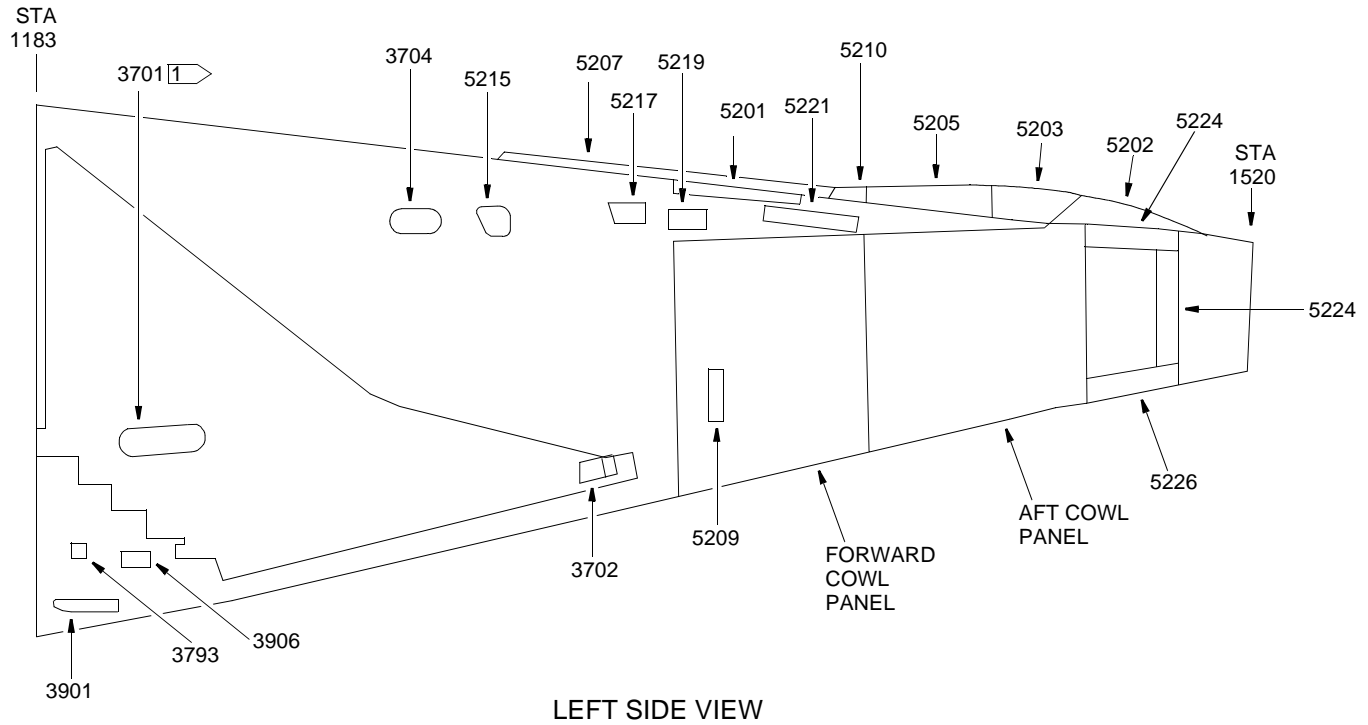


FIGURE 13. BODY SECTION 48 - ACCESS DOORS AND PANELS

M98718



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 48
3701	NO. 1 ENGINE FUEL LINE ACCESS DOOR
3702	AFT AIRSTAIR LATCH ACCESS DOOR
3704	INSPECTION PANEL
3793	AFT AIRSTAIR EMERGENCY EXIT HANDLE DOOR
3901	HYDRAULIC ACCUMULATOR ACCESS DOOR
3906	INSPECTION PANEL
5201	NO. 2 ENGINE FWD MOUNT SUPPORT ACCESS DOOR
5202	FIN TO BODY FAIRING
5203	FIN TO BODY FAIRING
5205	FIN TO BODY FAIRING
5207	FIN TO BODY FAIRING
5209	NO. 2 ENGINE OIL TANK ACCESS DOOR
5210	FIN TO BODY FAIRING
5215	ACCESS PANEL
5217	ACCESS PANEL
5219	ACCESS PANEL
5221	ACCESS PANEL
5224	ACCESS PANEL
5225	ACCESS PANEL
5226	ACCESS PANEL

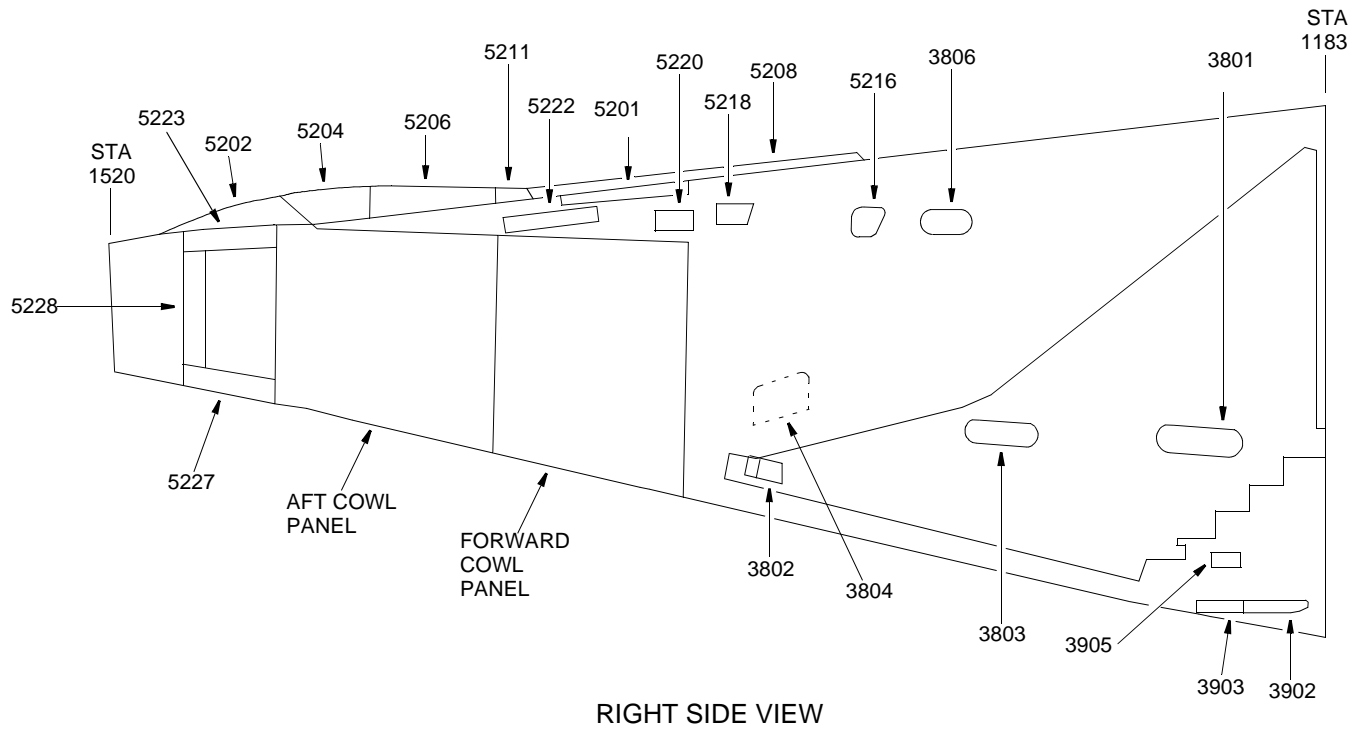


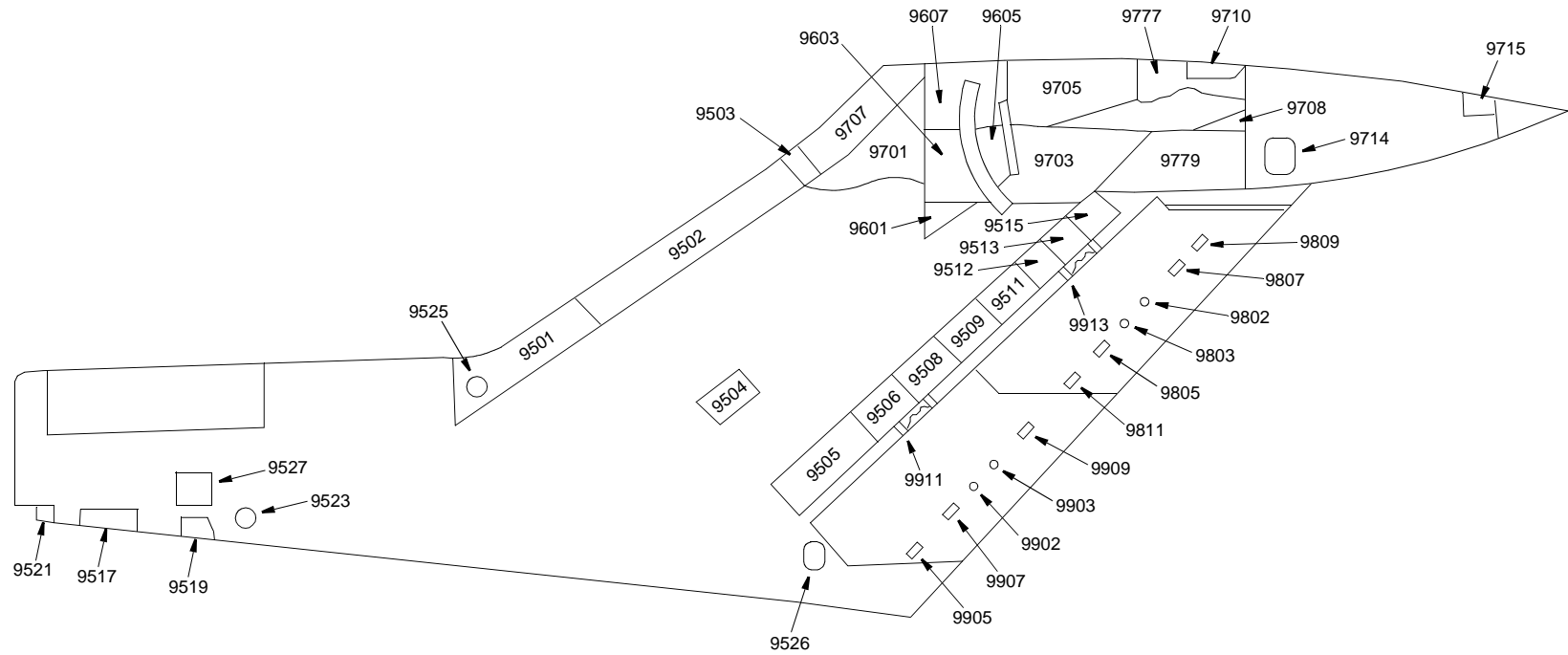
FIGURE 14. BODY SECTION 48 - ACCESS DOORS AND PANELS

M98742



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Body Section 48
3801	NO. 3 ENGINE FUEL LINE ACCESS DOOR
3802	AFT AIRSTAIR LATCH ACCESS DOOR
3803	NO. 2 ENGINE FUEL LINE ACCESS DOOR
3804	AIR INTAKE DUCT ACCESS DOOR
3806	INSPECTION PANEL
3902	AFT AIRSTAIR CONTROL HANDLE ACCESS DOOR
3903	PNEUMATIC START GROUND CONNECTION ACCESS DOOR
3905	INSPECTION PANEL
5201	NO. 2 ENGINE FWD MOUNT SUPPORT ACCESS DOOR
5202	FIN TO BODY FAIRING
5204	FIN TO BODY FAIRING
5206	FIN TO BODY FAIRING
5208	FIN TO BODY FAIRING
5211	FIN TO BODY FAIRING
5216	ACCESS PANEL
5218	ACCESS PANEL
5220	ACCESS PANEL
5222	ACCESS PANEL
5223	ACCESS PANEL
5227	ACCESS PANEL
5228	ACCESS PANEL



LEFT SIDE VIEW

FIGURE 15. CENTER INLET, FIN AND RUDDER ACCESS DOORS AND PANELS (727-100)

N00684



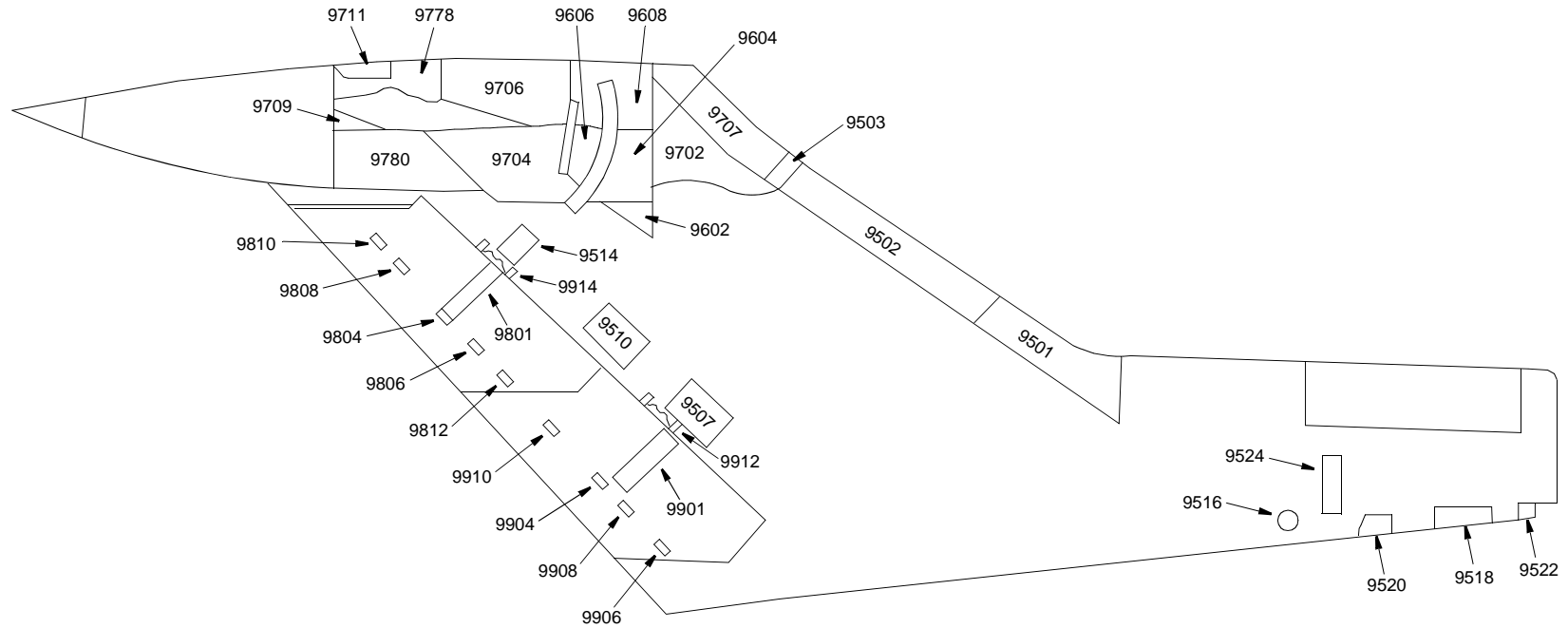
727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Center Inlet, Fin and Rudder
9501	FIN LEADING EDGE
9502	FIN LEADING EDGE
9503	FIN LEADING EDGE
9504	FIN ACCESS PANEL
9505	FIN ACCESS PANEL
9506	FIN ACCESS PANEL
9508	FIN ACCESS PANEL
9509	FIN ACCESS PANEL
9511	FIN ACCESS PANEL
9512	FIN ACCESS PANEL
9513	FIN ACCESS PANEL
9515	FIN ACCESS PANEL
9517	FIN ACCESS PANEL
9519	FIN ACCESS PANEL
9521	FIN ACCESS PANEL
9523	FIN FRONT SPAR INSPECTION PANEL
9526	FIN FRONT SPAR INSPECTION PANEL
9527	FIN FRONT SPAR INSPECTION PANEL
9529	ACCESS PANEL
9601	STABILIZER JACKSCREW ACCESS PANEL
9603	STABILIZER JACKSCREW ACCESS PANEL
9605	STABILIZER JACKSCREW ACCESS PANEL
9607	STABILIZER JACKSCREW ACCESS PANEL
9701	FIN ACCESS PANEL
9703	FIN ACCESS PANEL
9705	FIN ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Center Inlet, Fin and Rudder
9707	FIN LEADING EDGE
9708	FIN ACCESS PANEL
9710	FIN ACCESS PANEL
9714	FIN ACCESS PANEL
9715	FIN ACCESS PANEL
9777	FIN ACCESS PANEL
9779	FIN ACCESS PANEL
9802	FIN ACCESS PANEL
9803	FIN ACCESS PANEL
9805	FIN ACCESS PANEL
9807	FIN ACCESS PANEL
9809	FIN ACCESS PANEL
9811	FIN ACCESS PANEL
9902	FIN ACCESS PANEL
9903	FIN ACCESS PANEL
9905	FIN ACCESS PANEL
9907	FIN ACCESS PANEL
9909	FIN ACCESS PANEL
9911	FIN ACCESS PANEL
9913	FIN ACCESS PANEL



RIGHT SIDE VIEW

FIGURE 16. CENTER INLET, FIN AND RUDDER ACCESS DOORS AND PANELS (727-100)

N00726



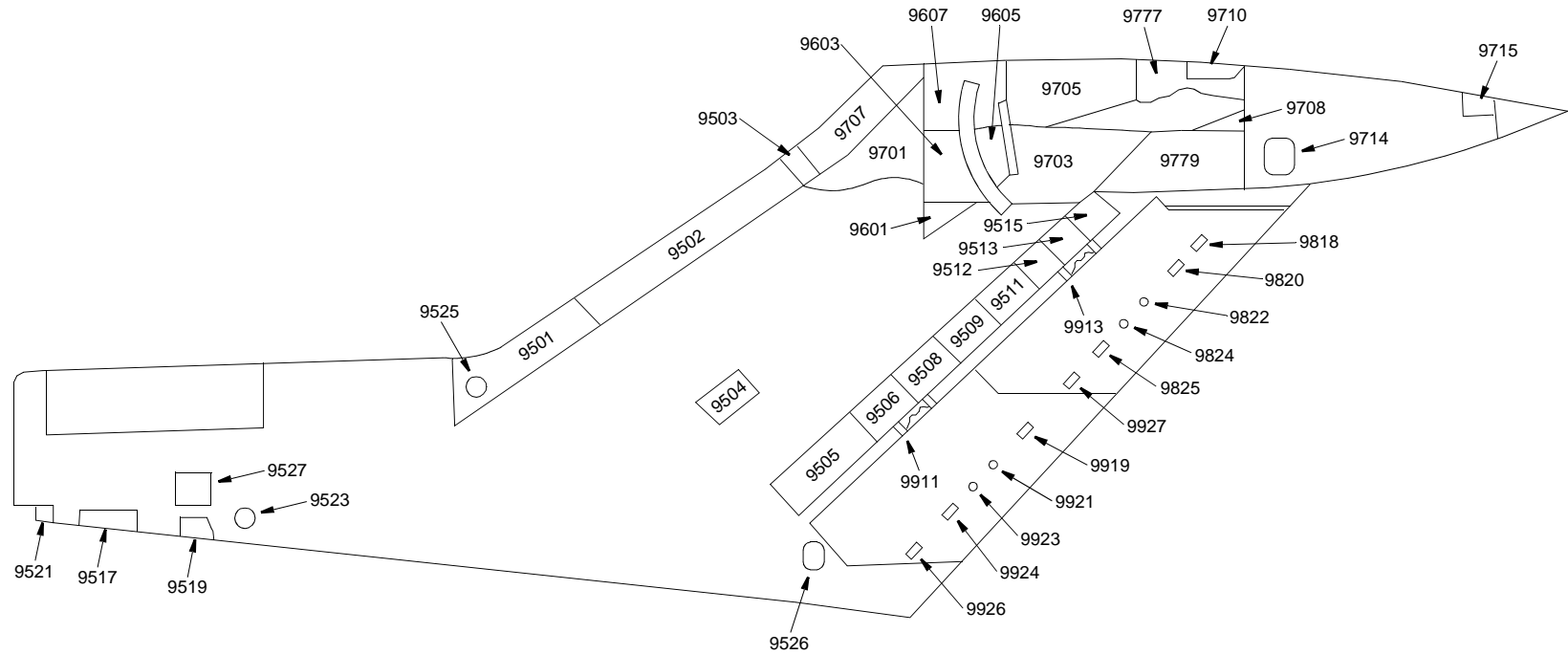
727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Center Inlet, Fin and Rudder
9501	FIN LEADING EDGE
9502	FIN LEADING EDGE
9503	FIN LEADING EDGE
9507	FIN ACCESS PANEL
9510	FIN ACCESS PANEL
9514	FIN ACCESS PANEL
9516	FIN ACCESS PANEL
9518	FIN ACCESS PANEL
9520	FIN ACCESS PANEL
9522	FIN ACCESS PANEL
9524	FIN FRONT SPAR INSPECTION PANEL
9602	STABILIZER JACKSCREW ACCESS PANEL
9604	STABILIZER JACKSCREW ACCESS PANEL
9606	STABILIZER JACKSCREW ACCESS PANEL
9608	STABILIZER JACKSCREW ACCESS PANEL
9702	FIN ACCESS PANEL
9704	FIN ACCESS PANEL
9706	FIN ACCESS PANEL
9707	FIN LEADING EDGE
9709	FIN ACCESS PANEL
9711	FIN ACCESS PANEL
9778	FIN ACCESS PANEL
9780	FIN ACCESS PANEL
9801	FIN ACCESS PANEL
9804	FIN ACCESS PANEL
9806	FIN ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Center Inlet, Fin and Rudder
9808	FIN ACCESS PANEL
9810	FIN ACCESS PANEL
9812	FIN ACCESS PANEL
9901	FIN ACCESS PANEL
9904	FIN ACCESS PANEL
9906	FIN ACCESS PANEL
9908	FIN ACCESS PANEL
9910	FIN ACCESS PANEL
9912	FIN ACCESS PANEL
9914	FIN ACCESS PANEL



LEFT SIDE VIEW

FIGURE 17. CENTER INLET, FIN AND RUDDER ACCESS DOORS AND PANELS (727-200)

N32772



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Center Inlet, Fin and Rudder
9501	FIN LEADING EDGE
9502	FIN LEADING EDGE
9503	FIN LEADING EDGE
9504	FIN ACCESS PANEL
9505	FIN ACCESS PANEL
9506	FIN ACCESS PANEL
9508	FIN ACCESS PANEL
9509	FIN ACCESS PANEL
9511	FIN ACCESS PANEL
9512	FIN ACCESS PANEL
9513	FIN ACCESS PANEL
9515	FIN ACCESS PANEL
9517	FIN ACCESS PANEL
9519	FIN ACCESS PANEL
9521	FIN ACCESS PANEL
9523	FIN FRONT SPAR INSPECTION PANEL
9525	ACCESS PANEL
9526	FIN FRONT SPAR INSPECTION PANEL
9527	FIN FRONT SPAR INSPECTION PANEL
9601	STABILIZER JACKSCREW ACCESS PANEL
9603	STABILIZER JACKSCREW ACCESS PANEL
9605	STABILIZER JACKSCREW ACCESS PANEL
9607	STABILIZER JACKSCREW ACCESS PANEL
9701	FIN ACCESS PANEL
9703	FIN ACCESS PANEL
9705	FIN ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Center Inlet, Fin and Rudder
9707	FIN LEADING EDGE
9708	FIN ACCESS PANEL
9710	FIN ACCESS PANEL
9714	FIN ACCESS PANEL
9715	FIN ACCESS PANEL
9777	FIN ACCESS PANEL
9779	FIN ACCESS PANEL
9818	FIN ACCESS PANEL
9820	FIN ACCESS PANEL
9822	ACCESS PANEL
9824	FIN ACCESS PANEL
9825	FIN ACCESS PANEL
9911	FIN ACCESS PANEL
9913	FIN ACCESS PANEL
9919	FIN ACCESS PANEL
9921	FIN ACCESS PANEL
9923	FIN ACCESS PANEL
9924	FIN ACCESS PANEL
9926	FIN ACCESS PANEL
9927	FIN ACCESS PANEL

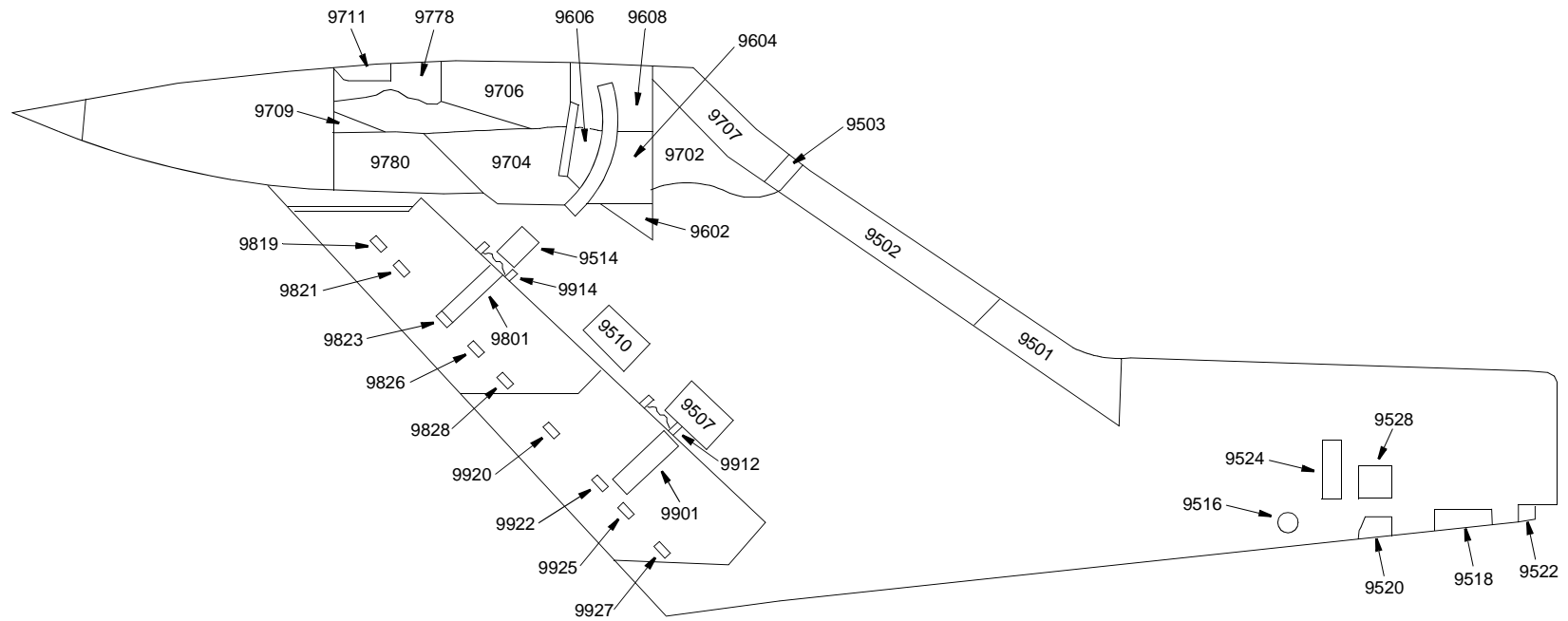


FIGURE 18. CENTER INLET, FIN AND RUDDER ACCESS DOORS AND PANELS (727-200)

N32784



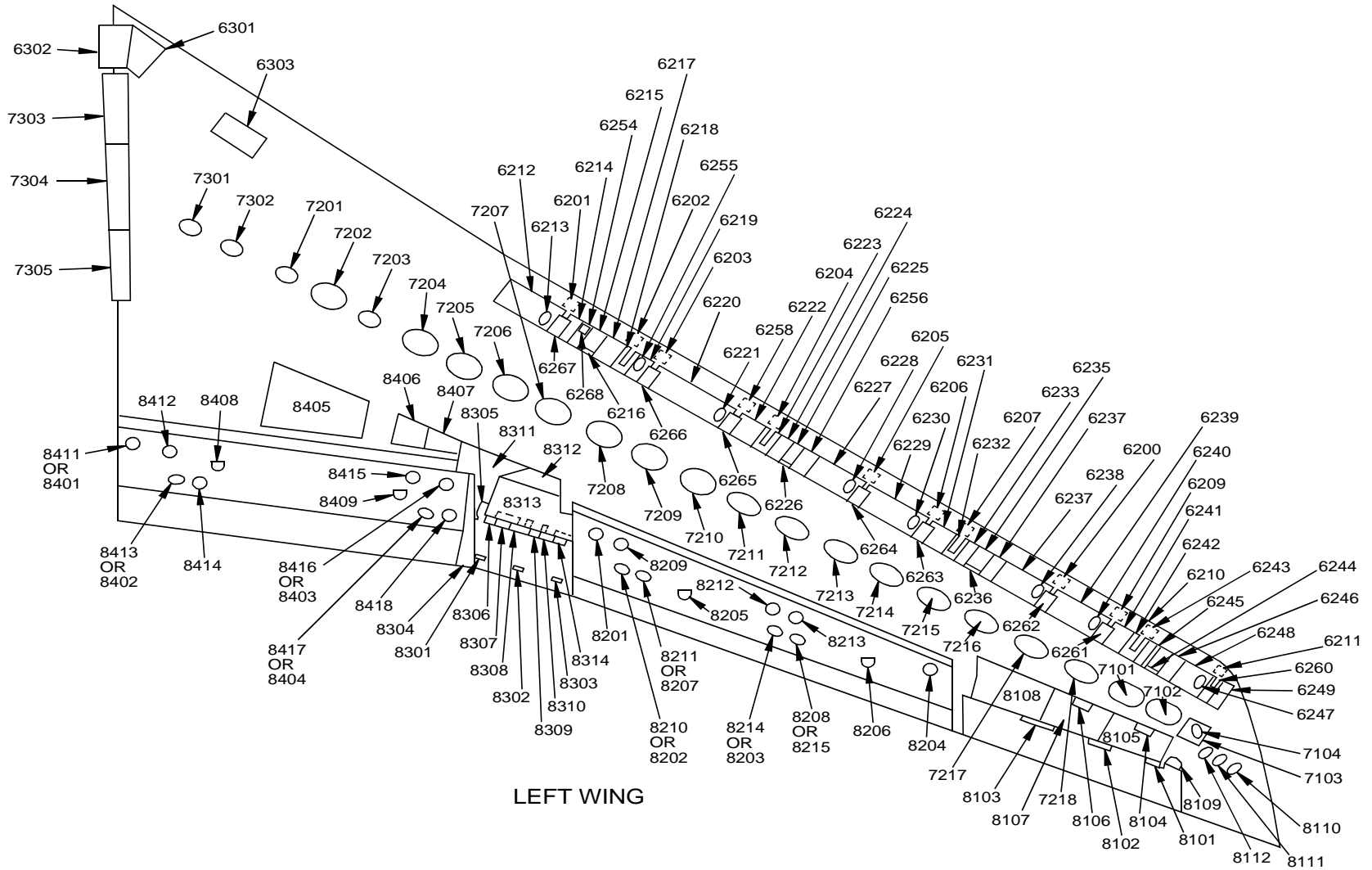
727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Center Inlet, Fin and Rudder
9501	FIN LEADING EDGE
9502	FIN LEADING EDGE
9503	FIN LEADING EDGE
9507	FIN ACCESS PANEL
9510	FIN ACCESS PANEL
9514	FIN ACCESS PANEL
9516	FIN ACCESS PANEL
9518	FIN ACCESS PANEL
9520	FIN ACCESS PANEL
9522	FIN ACCESS PANEL
9524	FIN FRONT SPAR INSPECTION PANEL
9528	FIN FRONT SPAR INSPECTION PANEL
9602	STABILIZER JACKSCREW ACCESS PANEL
9604	STABILIZER JACKSCREW ACCESS PANEL
9606	STABILIZER JACKSCREW ACCESS PANEL
9608	STABILIZER JACKSCREW ACCESS PANEL
9702	FIN ACCESS PANEL
9704	FIN ACCESS PANEL
9706	FIN ACCESS PANEL
9707	FIN LEADING EDGE
9709	FIN ACCESS PANEL
9711	FIN ACCESS PANEL
9778	FIN ACCESS PANEL
9780	FIN ACCESS PANEL
9801	FIN ACCESS PANEL
9819	FIN ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Center Inlet, Fin and Rudder
9821	FIN ACCESS PANEL
9823	FIN ACCESS PANEL
9826	FIN ACCESS PANEL
9828	FIN ACCESS PANEL
9901	FIN ACCESS PANEL
9912	FIN ACCESS PANEL
9914	FIN ACCESS PANEL
9920	FIN ACCESS PANEL
9922	FIN ACCESS PANEL
9925	FIN ACCESS PANEL
9927	FIN ACCESS PANEL



N00777

FIGURE 19. WING LOWER SURFACE ACCESS PANELS AND DOORS



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
6201	INNER SURFACE LE SLAT NO. 4 ACCESS PANEL
6202	INNER SURFACE LE SLAT NO. 4 ACCESS PANEL
6203	INNER SURFACE LE SLAT NO. 4 ACCESS PANEL
6204	INNER SURFACE LE SLAT NO. 3 ACCESS PANEL
6205	INNER SURFACE LE SLAT NO. 3 ACCESS PANEL
6206	INNER SURFACE LE SLAT NO. 2 ACCESS PANEL
6207	INNER SURFACE LE SLAT NO. 2 ACCESS PANEL
6209	INNER SURFACE LE SLAT NO. 1 ACCESS PANEL
6210	INNER SURFACE LE SLAT NO. 1 ACCESS PANEL
6211	INNER SURFACE LE SLAT NO. 1 ACCESS PANEL
6212	LE SLAT ACCESS PANEL
6213	LE SLAT ACCESS PANEL
6214	LE SLAT ACCESS PANEL
6215	LE SLAT ACCESS PANEL
6216	LE SLAT ACCESS PANEL
6217	LE SLAT ACCESS PANEL
6218	LE SLAT ACCESS PANEL
6219	LE SLAT ACCESS PANEL
6220	LE SLAT ACCESS PANEL
6221	LE SLAT ACCESS PANEL
6222	LE SLAT ACCESS PANEL
6223	LE SLAT ACCESS PANEL
6224	LE SLAT ACCESS PANEL
6225	LE SLAT ACCESS PANEL
6226	LE SLAT ACCESS PANEL
6227	LE SLAT ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
6228	LE SLAT ACCESS PANEL
6229	LE SLAT ACCESS PANEL
6230	LE SLAT ACCESS PANEL
6231	LE SLAT ACCESS PANEL
6232	LE SLAT ACCESS PANEL
6233	LE SLAT ACCESS PANEL
6235	LE SLAT ACCESS PANEL
6236	LE SLAT ACCESS PANEL
6237	LE SLAT ACCESS PANEL
6238	LE SLAT ACCESS PANEL
6239	LE SLAT ACCESS PANEL
6240	LE SLAT ACCESS PANEL
6241	LE SLAT ACCESS PANEL
6242	LE SLAT ACCESS PANEL
6243	LE SLAT ACCESS PANEL
6244	LE SLAT ACCESS PANEL
6245	LE SLAT ACCESS PANEL
6246	LE SLAT ACCESS PANEL
6247	LE SLAT ACCESS PANEL
6248	LE SLAT ACCESS PANEL
6249	LE SLAT ACCESS PANEL
6254	LE SLAT ACCESS PANEL
6255	LE SLAT ACCESS PANEL
6256	LE SLAT ACCESS PANEL
6258	LE SLAT ACCESS PANEL
6260	LE SLAT LWR SURFACE PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
6261	LE SLAT LWR SURFACE PANEL
6262	LE SLAT LWR SURFACE PANEL
6263	LE SLAT LWR SURFACE PANEL
6264	LE SLAT LWR SURFACE PANEL
6265	LE SLAT LWR SURFACE PANEL
6266	LE SLAT LWR SURFACE PANEL
6267	LE SLAT LWR SURFACE PANEL
6268	MANUAL REFUELING VALVE ACCESS PANEL
6301	ACCESS PANEL
6302	ACCESS PANEL
6303	FUEL TANK ACCESS PANEL
7101	SURGE TANK ACCESS PANEL NO. 18
7102	SURGE TANK ACCESS PANEL NO. 19
7103	ACCESS DOOR
7104	ACCESS DOOR
7201	BOOST PUMP ACCESS PANEL
7202	FUEL TANK ACCESS PANEL NO. 2
7203	BOOST PUMP ACCESS PANEL
7204	FUEL TANK ACCESS PANEL NO. 3
7205	FUEL TANK ACCESS PANEL NO. 4
7206	FUEL TANK ACCESS PANEL NO. 5
7207	FUEL TANK ACCESS PANEL NO. 6
7208	FUEL TANK ACCESS PANEL NO. 7
7209	FUEL TANK ACCESS PANEL NO. 8
7210	FUEL TANK ACCESS PANEL NO. 9
7211	FUEL TANK ACCESS PANEL NO. 10



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
7212	FUEL TANK ACCESS PANEL NO. 11
7213	FUEL TANK ACCESS PANEL NO. 12
7214	FUEL TANK ACCESS PANEL NO. 13
7215	FUEL TANK ACCESS PANEL NO. 14
7216	FUEL TANK ACCESS PANEL NO. 15
7217	FUEL TANK ACCESS PANEL NO. 16
7218	FUEL TANK ACCESS PANEL NO. 17
7301	BOOST PUMP ACCESS PANEL
7302	BOOST PUMP ACCESS PANEL
7303	CENTER WING BOX ACCESS DOOR
7304	CENTER WING BOX ACCESS DOOR
7305	CENTER WING BOX ACCESS DOOR
8101	AILERON ACCESS PANEL
8102	AILERON ACCESS PANEL
8103	AILERON ACCESS PANEL
8104	AILERON ACCESS PANEL
8105	AILERON ACCESS PANEL
8106	AILERON ACCESS PANEL
8107	AILERON ACCESS PANEL
8108	AILERON ACCESS PANEL
8109	AILERON ACCESS PANEL
8110	WINGTIP PANEL
8111	WINGTIP PANEL
8112	WINGTIP PANEL
8201	ACCESS PANEL
8202	ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
8203	ACCESS PANEL
8204	ACCESS PANEL
8205	ACCESS PANEL
8206	ACCESS PANEL
8207	FLAP PANEL
8208	FLAP PANEL
8209	OUTBOARD MIDFLAP ACCESS PANEL
8210	OUTBOARD MIDFLAP ACCESS PANEL
8211	OUTBOARD MIDFLAP ACCESS PANEL
8212	OUTBOARD MIDFLAP ACCESS PANEL
8213	OUTBOARD MIDFLAP ACCESS PANEL
8214	OUTBOARD MIDFLAP ACCESS PANEL
8215	OUTBOARD MIDFLAP ACCESS PANEL
8301	AILERON ACCESS PANEL
8302	AILERON ACCESS PANEL
8303	AILERON ACCESS PANEL
8304	AILERON ACCESS PANEL
8305	AILERON ACCESS PANEL
8306	AILERON ACCESS PANEL
8307	AILERON ACCESS PANEL
8308	AILERON ACCESS PANEL
8309	AILERON ACCESS PANEL
8310	AILERON ACCESS PANEL
8311	AILERON ACCESS PANEL
8312	AILERON ACCESS PANEL
8313	AILERON ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
8314	AILERON ACCESS PANEL
8401	ACCESS PANEL
8402	ACCESS PANEL
8403	AILERON ACCESS PANEL
8404	ACCESS PANEL
8405	ACCESS PANEL
8406	ACCESS PANEL
8407	ACCESS PANEL
8408	ACCESS PANEL
8409	ACCESS PANEL
8411	INBOARD MIDFLAP ACCESS PANEL
8412	INBOARD MIDFLAP ACCESS PANEL
8413	INBOARD MIDFLAP ACCESS PANEL
8414	INBOARD MIDFLAP ACCESS PANEL
8415	INBOARD MIDFLAP ACCESS PANEL
8416	INBOARD MIDFLAP ACCESS PANEL
8417	INBOARD MIDFLAP ACCESS PANEL
8418	INBOARD MIDFLAP ACCESS PANEL

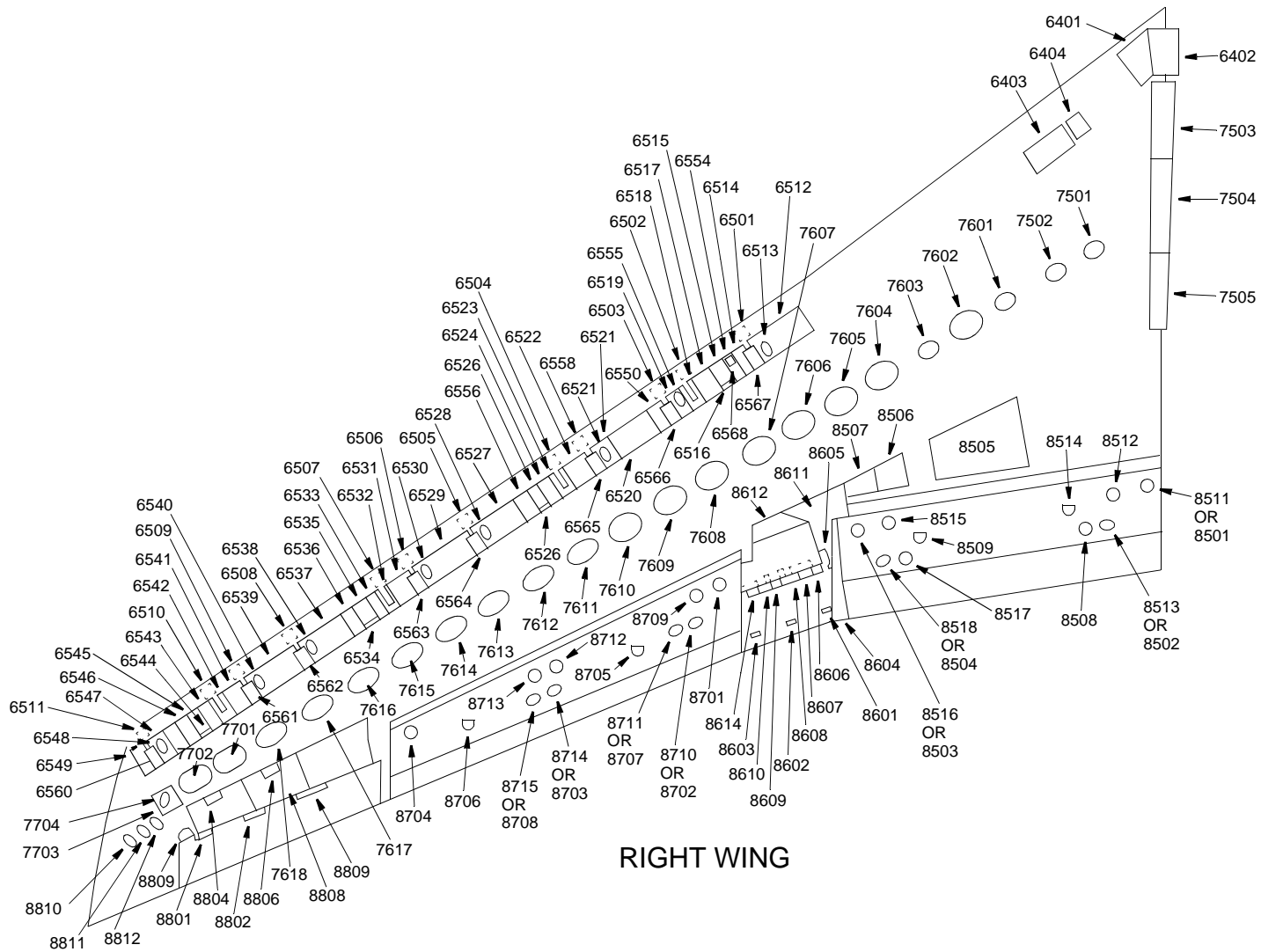


FIGURE 20. WING LOWER SURFACE ACCESS DOORS AND PANELS

N00779



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
6401	ACCESS PANEL
6402	ACCESS PANEL
6403	FUEL TANK ACCESS PANEL
6404	DEFUELING VALVE ACCESS DOOR
6501	INNER SURFACE LE SLAT NO. 4 ACCESS PANEL
6502	INNER SURFACE LE SLAT NO. 4 ACCESS PANEL
6503	INNER SURFACE LE SLAT NO. 4 ACCESS PANEL
6504	INNER SURFACE LE SLAT NO. 3 ACCESS PANEL
6505	INNER SURFACE LE SLAT NO. 3 ACCESS PANEL
6506	INNER SURFACE LE SLAT NO. 2 ACCESS PANEL
6507	INNER SURFACE LE SLAT NO. 2 ACCESS PANEL
6508	INNER SURFACE LE SLAT NO. 2 ACCESS PANEL
6509	INNER SURFACE LE SLAT NO. 1 ACCESS PANEL
6510	INNER SURFACE LE SLAT NO. 1 ACCESS PANEL
6511	INNER SURFACE LE SLAT NO. 1 ACCESS PANEL
6512	LE SLAT ACCESS PANEL
6513	LE SLAT ACCESS PANEL
6514	LE SLAT ACCESS PANEL
6515	LE SLAT ACCESS PANEL
6516	LE SLAT ACCESS PANEL
6517	LE SLAT ACCESS PANEL
6518	LE SLAT ACCESS PANEL
6519	LE SLAT ACCESS PANEL
6520	FUELING BAY ACCESS DOOR
6521	LE SLAT ACCESS PANEL
6522	LE SLAT ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
6523	LE SLAT ACCESS PANEL
6524	LE SLAT ACCESS PANEL
6526	LE SLAT ACCESS PANEL
6527	LE SLAT ACCESS PANEL
6528	LE SLAT ACCESS PANEL
6529	LE SLAT ACCESS PANEL
6530	LE SLAT ACCESS PANEL
6531	LE SLAT ACCESS PANEL
6532	LE SLAT ACCESS PANEL
6533	LE SLAT ACCESS PANEL
6534	LE SLAT ACCESS PANEL
6535	LE SLAT ACCESS PANEL
6536	LE SLAT ACCESS PANEL
6537	LE SLAT ACCESS PANEL
6538	LE SLAT ACCESS PANEL
6539	LE SLAT ACCESS PANEL
6540	LE SLAT ACCESS PANEL
6541	LE SLAT ACCESS PANEL
6542	LE SLAT ACCESS PANEL
6543	LE SLAT ACCESS PANEL
6544	LE SLAT ACCESS PANEL
6545	LE SLAT ACCESS PANEL
6546	LE SLAT ACCESS PANEL
6547	LE SLAT ACCESS PANEL
6548	LE SLAT ACCESS PANEL
6549	LE SLAT ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
6550	LE SLAT ACCESS PANEL
6554	LE SLAT ACCESS PANEL
6555	LE SLAT ACCESS PANEL
6556	LE SLAT ACCESS PANEL
6558	LE SLAT ACCESS PANEL
6560	LE SLAT LWR SURFACE PANEL
6561	LE SLAT LWR SURFACE PANEL
6562	LE SLAT LWR SURFACE PANEL
6563	LE SLAT LWR SURFACE PANEL
6564	LE SLAT LWR SURFACE PANEL
6565	LE SLAT LWR SURFACE PANEL
6566	LE SLAT LWR SURFACE PANEL
6567	LE SLAT LWR SURFACE PANEL
6568	MANUAL REFUELING VALVE ACCESS DOOR
7501	BOOST PUMP ACCESS PANEL
7502	BOOST PUMP ACCESS PANEL
7503	CENTER WING BOX ACCESS DOOR
7504	CENTER WING BOX ACCESS DOOR
7505	CENTER WING BOX ACCESS DOOR
7601	BOOST PUMP ACCESS PANEL
7602	FUEL TANK ACCESS PANEL NO. 2
7603	BOOST PUMP ACCESS PANEL
7604	FUEL TANK ACCESS PANEL NO. 3
7605	FUEL TANK ACCESS PANEL NO. 4
7606	FUEL TANK ACCESS PANEL NO. 5
7607	FUEL TANK ACCESS PANEL NO. 6



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
7608	FUEL TANK ACCESS PANEL NO. 7
7609	FUEL TANK ACCESS PANEL NO. 8
7610	FUEL TANK ACCESS PANEL NO. 9
7611	FUEL TANK ACCESS PANEL NO. 10
7612	FUEL TANK ACCESS PANEL NO. 11
7613	FUEL TANK ACCESS PANEL NO. 12
7614	FUEL TANK ACCESS PANEL NO. 13
7615	FUEL TANK ACCESS PANEL NO. 14
7616	FUEL TANK ACCESS PANEL NO. 15
7617	FUEL TANK ACCESS PANEL NO. 16
7618	FUEL TANK ACCESS PANEL NO. 17
7701	SURGE TANK ACCESS PANEL NO. 18
7702	SURGE TANK ACCESS PANEL NO. 19
7703	ACCESS DOOR
7704	ACCESS DOOR
8501	ACCESS PANEL
8502	ACCESS PANEL
8503	ACCESS PANEL
8504	ACCESS PANEL
8505	ACCESS PANEL
8506	ACCESS PANEL
8507	ACCESS PANEL
8508	ACCESS PANEL
8509	ACCESS PANEL
8511	INBOARD MIDFLAP ACCESS PANEL
8512	INBOARD MIDFLAP ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
8513	INBOARD MIDFLAP ACCESS PANEL
8514	INBOARD MIDFLAP ACCESS PANEL
8515	INBOARD MIDFLAP ACCESS PANEL
8516	INBOARD MIDFLAP ACCESS PANEL
8517	INBOARD MIDFLAP ACCESS PANEL
8518	INBOARD MIDFLAP ACCESS PANEL
8601	AILERON ACCESS PANEL
8602	AILERON ACCESS PANEL
8603	AILERON ACCESS PANEL
8604	AILERON ACCESS PANEL
8605	AILERON ACCESS PANEL
8606	AILERON ACCESS PANEL
8607	AILERON ACCESS PANEL
8608	AILERON ACCESS PANEL
8609	AILERON ACCESS PANEL
8610	AILERON ACCESS PANEL
8611	AILERON ACCESS PANEL
8612	AILERON ACCESS PANEL
8614	AILERON ACCESS PANEL
8701	ACCESS PANEL
8702	ACCESS PANEL
8703	ACCESS PANEL
8704	ACCESS PANEL
8705	ACCESS PANEL
8706	ACCESS PANEL
8707	FLAP PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Lower Surface
8708	FLAP PANEL
8709	OUTBOARD MIDFLAP ACCESS PANEL
8710	OUTBOARD MIDFLAP ACCESS PANEL
8711	OUTBOARD MIDFLAP ACCESS PANEL
8712	OUTBOARD MIDFLAP ACCESS PANEL
8713	OUTBOARD MIDFLAP ACCESS PANEL
8714	OUTBOARD MIDFLAP ACCESS PANEL
8715	OUTBOARD MIDFLAP ACCESS PANEL
8801	AILERON ACCESS PANEL
8802	AILERON ACCESS PANEL
8804	AILERON ACCESS PANEL
8806	AILERON ACCESS PANEL
8807	AILERON ACCESS PANEL
8808	AILERON ACCESS PANEL
8809	AILERON ACCESS PANEL
8810	WINGTIP PANEL
8811	WINGTIP PANEL
8812	WINGTIP PANEL

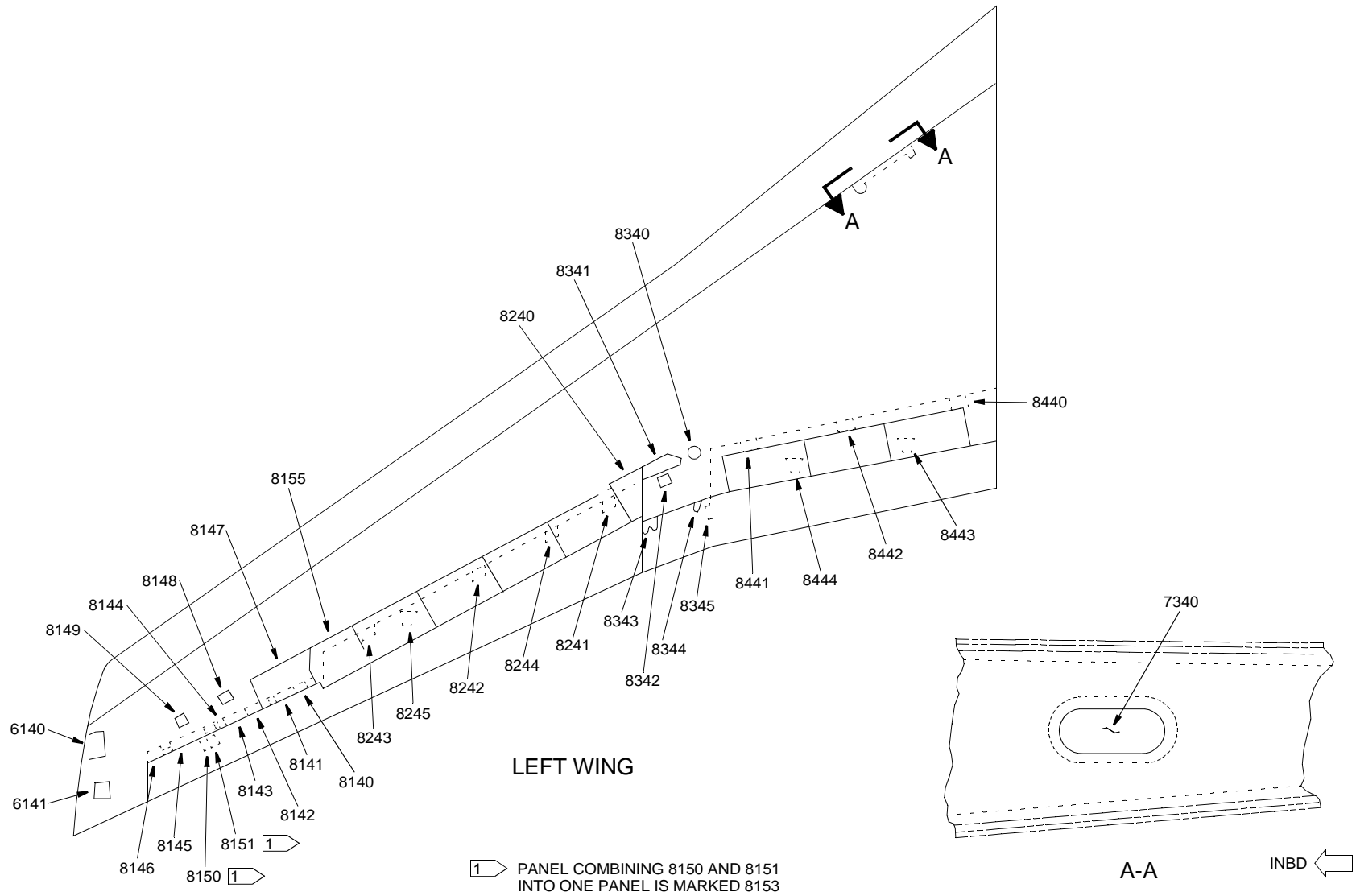


FIGURE 21. WING UPPER SURFACE ACCESS DOORS AND PANELS

N00767



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Upper Surface
6140	WING TIP ACCESS PANEL
6141	WING TIP ACCESS PANEL
7340	FUEL TANK ACCESS PANEL NO. 1
8140	AILERON ACCESS PANEL
8141	AILERON ACCESS PANEL
8142	AILERON ACCESS PANEL
8143	AILERON ACCESS PANEL
8144	AILERON ACCESS PANEL
8145	AILERON ACCESS PANEL
8146	AILERON ACCESS PANEL
8147	AILERON ACCESS PANEL
8148	AILERON ACCESS PANEL
8149	AILERON ACCESS PANEL
8150	AILERON ACCESS PANEL
8151	AILERON ACCESS PANEL
8153	AILERON ACCESS PANEL
8155	OUTBOARD FLAP DRIVE TRANSMISSION ACCESS PANEL
8240	FLAP ACCESS PANEL
8241	FLAP ACCESS PANEL
8242	FLAP ACCESS PANEL
8243	FLAP ACCESS PANEL
8244	FLAP ACCESS PANEL
8245	FLAP ACCESS PANEL
8340	ACCESS PANEL
8341	AILERON ACCESS PANEL
8342	AILERON ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Upper Surface
8343	AILERON NOSE ACCESS PANEL
8344	AILERON NOSE ACCESS PANEL
8345	AILERON NOSE ACCESS PANEL
8440	FLAP ACCESS PANEL
8441	FLAP ACCESS PANEL
8442	FLAP ACCESS PANEL
8443	FLAP ACCESS PANEL
8444	FLAP ACCESS PANEL

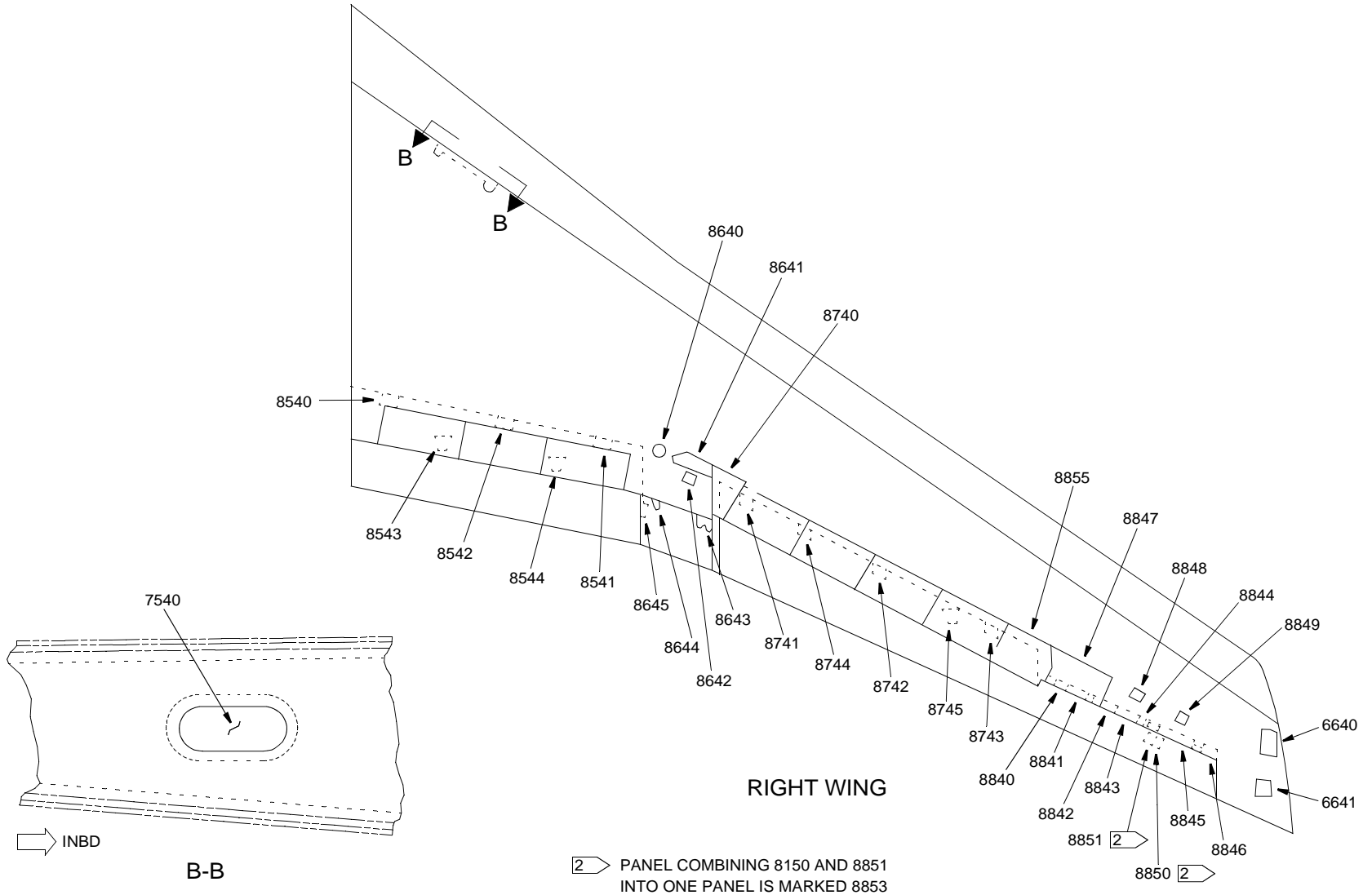


FIGURE 22. WING UPPER SURFACE ACCESS DOORS AND PANELS

N00773



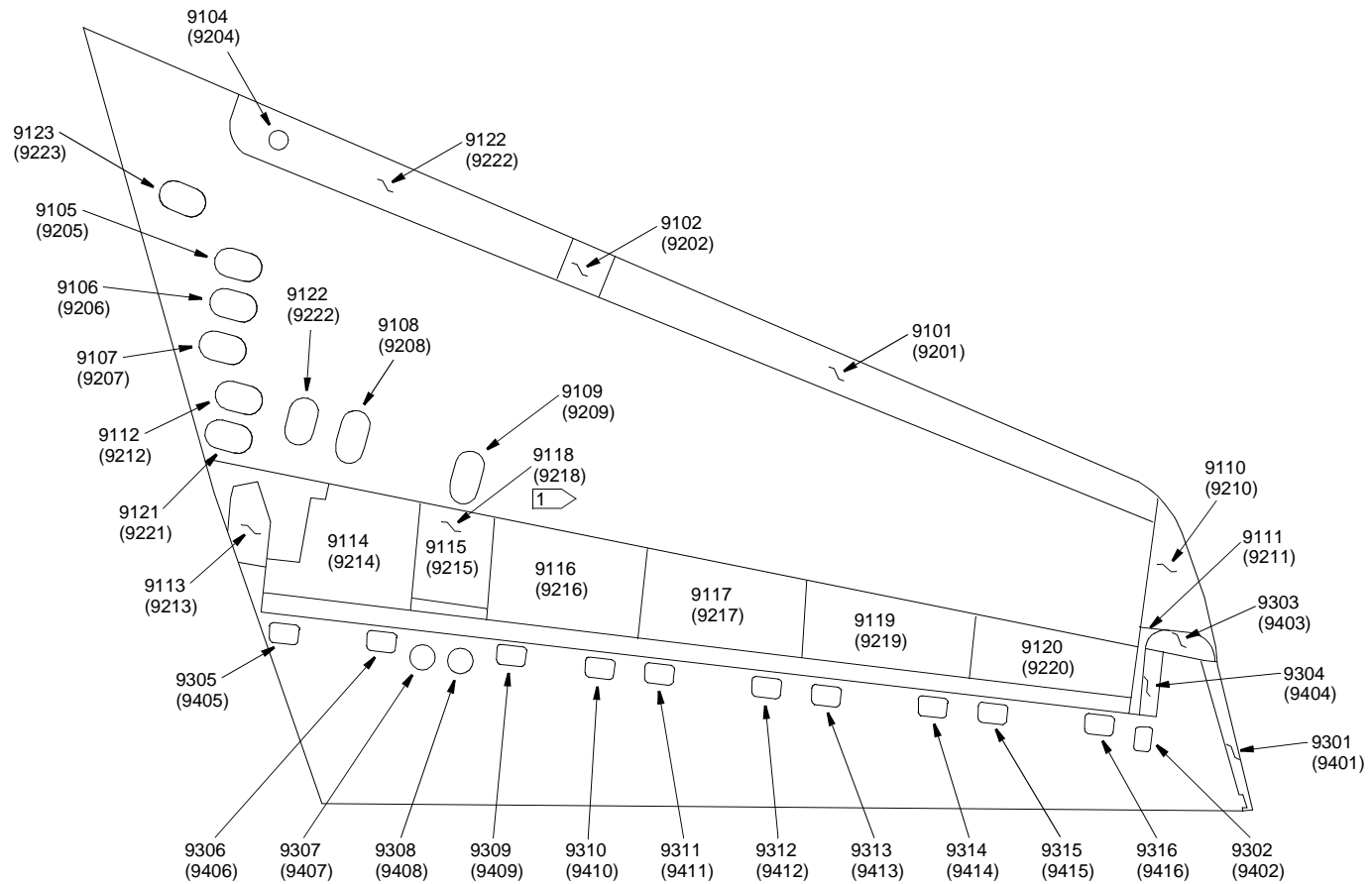
727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Upper Surfaces
6640	WING TIP ACCESS PANEL
6641	WING TIP ACCESS PANEL
7540	FUEL TANK ACCESS PANEL NO. 1
8540	FLAP ACCESS PANEL
8541	FLAP ACCESS PANEL
8542	FLAP ACCESS PANEL
8543	FLAP ACCESS PANEL
8544	FLAP ACCESS PANEL
8640	ACCESS COVER
8641	AILERON ACCESS PANEL
8642	AILERON ACCESS PANEL
8643	AILERON NOSE ACCESS PANEL
8644	AILERON NOSE ACCESS PANEL
8645	AILERON NOSE ACCESS PANEL
8740	FLAP ACCESS PANEL
8741	FLAP ACCESS PANEL
8742	FLAP ACCESS PANEL
8743	FLAP ACCESS PANEL
8744	FLAP ACCESS PANEL
8745	FLAP ACCESS PANEL
8840	AILERON ACCESS PANEL
8841	AILERON ACCESS PANEL
8842	AILERON ACCESS PANEL
8843	AILERON ACCESS PANEL
8844	AILERON ACCESS PANEL
8845	AILERON ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Upper Surfaces
8846	AILERON ACCESS PANEL
8847	AILERON ACCESS PANEL
8848	AILERON ACCESS PANEL
8849	AILERON ACCESS PANEL
8850	AILERON ACCESS PANEL
8851	AILERON ACCESS PANEL
8853	AILERON ACCESS PANEL
8855	OUTBOARD FLAP DRIVE TRANSMISSION ACCESS PANEL



NOTE: PANEL NUMBERS IN PARENTHESES ARE RIGHT SIDE.

1 TOP SIDE

**ELEVATOR AND HORIZONTAL STABILIZER - BOTTOM VIEW
(LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE)**

FIGURE 23. NACELLE AND STRUT ACCESS DOORS AND PANELS

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Upper Section
9101	HORIZONTAL STABILIZER LEADING EDGE PANEL
9102	HORIZONTAL STABILIZER LEADING EDGE PANEL
9103	LEADING EDGE PANEL
9104	HORIZONTAL STABILIZER ACCESS DOOR
9105	INSPECTION DOOR
9106	INSPECTION DOOR
9107	INSPECTION DOOR
9108	CONTROL ROD ACCESS DOOR
9109	CONTROL ROD ACCESS DOOR
9110	TIP CAP LE HORIZONTAL STABILIZER
9111	STABILIZER TIP
9112	ACCESS DOOR
9113	ACCESS DOOR
9114	BALANCE PANEL COVER
9115	CONTROL TUNNEL COVER
9116	BALANCE PANEL COVER
9117	BALANCE PANEL COVER
9118	CONTROL TUNNEL COVER
9119	BALANCE PANEL COVER
9120	BALANCE PANEL COVER
9121	INSPECTION PANEL
9122	INSPECTION PANEL
9123	INSPECTION PANEL
9201	HORIZONTAL STABILIZER LEADING EDGE PANEL
9202	HORIZONTAL STABILIZER LEADING EDGE PANEL
9203	LEADING EDGE PANEL



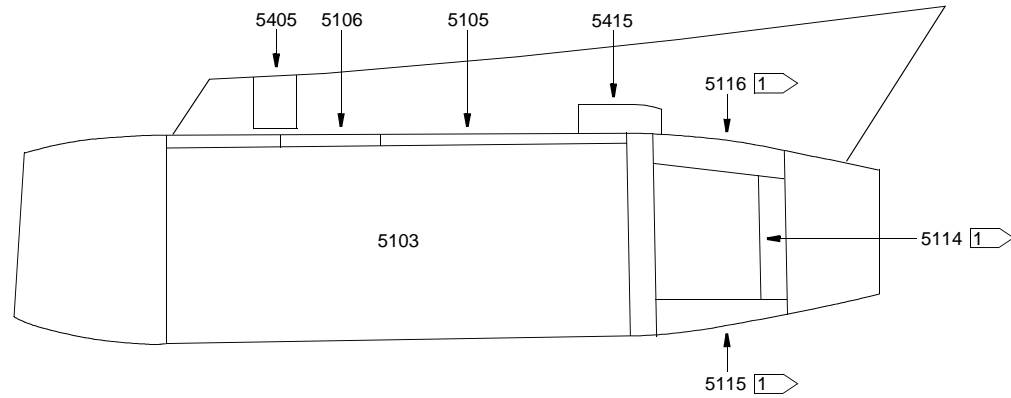
727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Upper Section
9204	ACCESS DOOR
9205	INSPECTION DOOR
9206	INSPECTION DOOR
9207	INSPECTION DOOR
9208	CONTROL ROD ACCESS DOOR
9209	CONTROL ROD ACCESS DOOR
9210	TIP CAP LEADING EDGE HORIZONTAL STABILIZER
9211	STABILIZER TIP
9212	ACCESS DOOR
9213	ACCESS DOOR
9214	BALANCE PANEL COVER
9215	CONTROL TUNNEL COVER
9216	BALANCE PANEL COVER
9217	BALANCE PANEL COVER
9218	CONTROL TUNNEL COVER
9219	BALANCE PANEL COVER
9220	BALANCE PANEL COVER
9221	INSPECTION PANEL
9222	INSPECTION PANEL
9223	INSPECTION PANEL
9301	OUTBOARD ELEVATOR HORN FAIRING
9302	INSPECTION DOOR
9303	ELEVATOR TIP
9304	INBOARD ELEVATOR HORN FAIRING
9305	INSPECTION DOOR
9306	INSPECTION DOOR

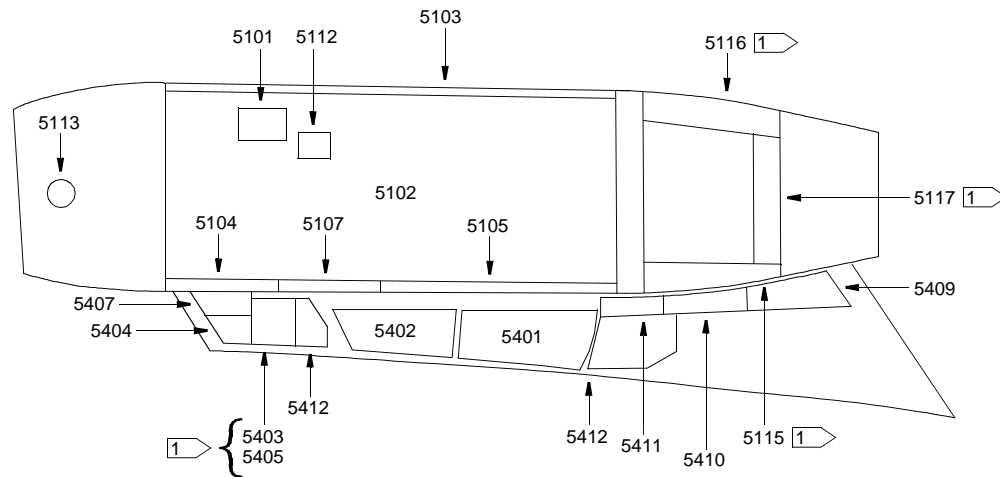


727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Wing Upper Section
9307	INSPECTION DOOR
9308	INSPECTION DOOR
9309	INSPECTION DOOR
9310	INSPECTION DOOR
9311	INSPECTION DOOR
9312	INSPECTION DOOR
9313	INSPECTION DOOR
9314	INSPECTION DOOR
9315	INSPECTION DOOR
9316	INSPECTION DOOR
9401	OUTBOARD ELEVATOR HORN FAIRING
9402	INSPECTION DOOR
9403	ELEVATOR TIP
9404	INBOARD ELEVATOR HORN FAIRING
9405	INSPECTION DOOR
9406	INSPECTION DOOR
9407	INSPECTION DOOR
9408	INSPECTION DOOR
9409	INSPECTION DOOR
9410	INSPECTION DOOR
9411	INSPECTION DOOR
9412	INSPECTION DOOR
9413	INSPECTION DOOR
9414	INSPECTION DOOR
9415	INSPECTION DOOR
9416	INSPECTION DOOR



NO. 1 NACELLE AND STRUT - PLAN VIEW



NO. 1 NACELLE AND STRUT - BOTTOM VIEW

NOT ON ALL AIRPLANES

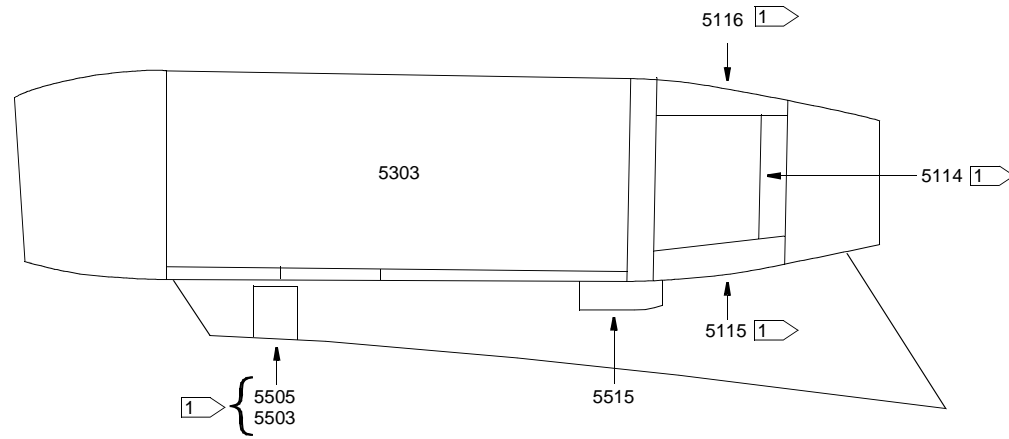
FIGURE 24. NACELLE AND STRUT ACCESS DOORS AND PANELS

M99663

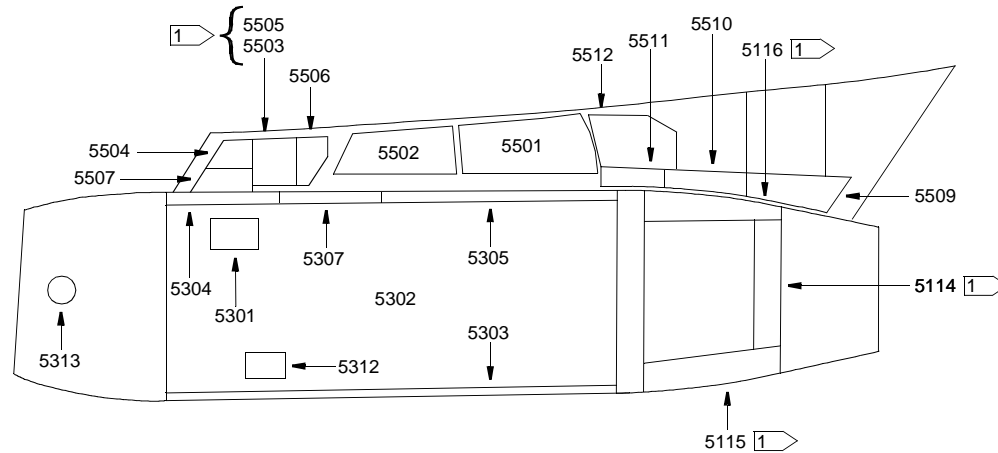


727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Engine No. 2 (JT9D-7/-7Q)
5101	# 1 ENGINE ACCESS PANEL
5102	# 1 ENGINE ACCESS PANEL
5103	# 1 ENGINE ACCESS PANEL
5104	ACCESS DOOR
5105	ACCESS DOOR
5106	ACCESS DOOR
5107	ACCESS DOOR
5112	STARTER VALVE AND CSD PANEL
5113	NOSE COWL ACCESS PANEL
5114	ACCESS DOOR
5115	ACCESS DOOR
5116	ACCESS DOOR
5117	ACCESS DOOR
5401	# 1 ENGINE STRUT ACCESS PANEL
5402	# 1 ENGINE STRUT ACCESS PANEL
5403	# 1 ENGINE STRUT ACCESS PANEL
5404	# 1 ENGINE STRUT ACCESS PANEL
5405	# 1 ENGINE STRUT ACCESS PANEL
5406	ACCESS DOOR
5407	# 1 ENGINE STRUT ACCESS PANEL
5409	# 1 ENGINE STRUT ACCESS PANEL
5410	# 1 ENGINE STRUT ACCESS PANEL
5411	# 1 ENGINE STRUT ACCESS PANEL
5412	# 1 ENGINE STRUT ACCESS PANEL
5415	# 1 ENGINE STRUT ACCESS PANEL



NO. 3 NACELLE AND STRUT - PLAN VIEW



NO. 3 NACELLE AND STRUT - BOTTOM VIEW

NOT ON ALL AIRPLANES

FIGURE 25. NACELLE AND STRUT ACCESS DOORS AND PANELS

MB99746



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Nacelle and Strut
5114	ACCESS DOOR
5115	ACCESS DOOR
5116	ACCESS DOOR
5301	# 3 ENGINE ACCESS PANEL
5302	# 3 ENGINE ACCESS PANEL
5303	# 3 ENGINE ACCESS PANEL
5304	ACCESS DOOR
5305	ACCESS DOOR
5307	ACCESS DOOR
5312	STARTER VALVE AND CSD PANEL
5313	NOSE COWL ACCESS PANEL
5501	# 3 ENGINE STRUT ACCESS PANEL
5502	# 3 ENGINE STRUT ACCESS PANEL
5503	# 3 ENGINE STRUT ACCESS PANEL
5504	# 3 ENGINE STRUT ACCESS PANEL
5505	# 3 ENGINE STRUT ACCESS PANEL
5506	# 3 ENGINE STRUT ACCESS PANEL
5507	# 3 ENGINE STRUT ACCESS PANEL
5509	# 3 ENGINE STRUT ACCESS PANEL
5510	# 3 ENGINE STRUT ACCESS PANEL
5511	# 3 ENGINE STRUT ACCESS PANEL
5512	# 3 ENGINE STRUT ACCESS PANEL
5515	# 3 ENGINE STRUT ACCESS PANEL

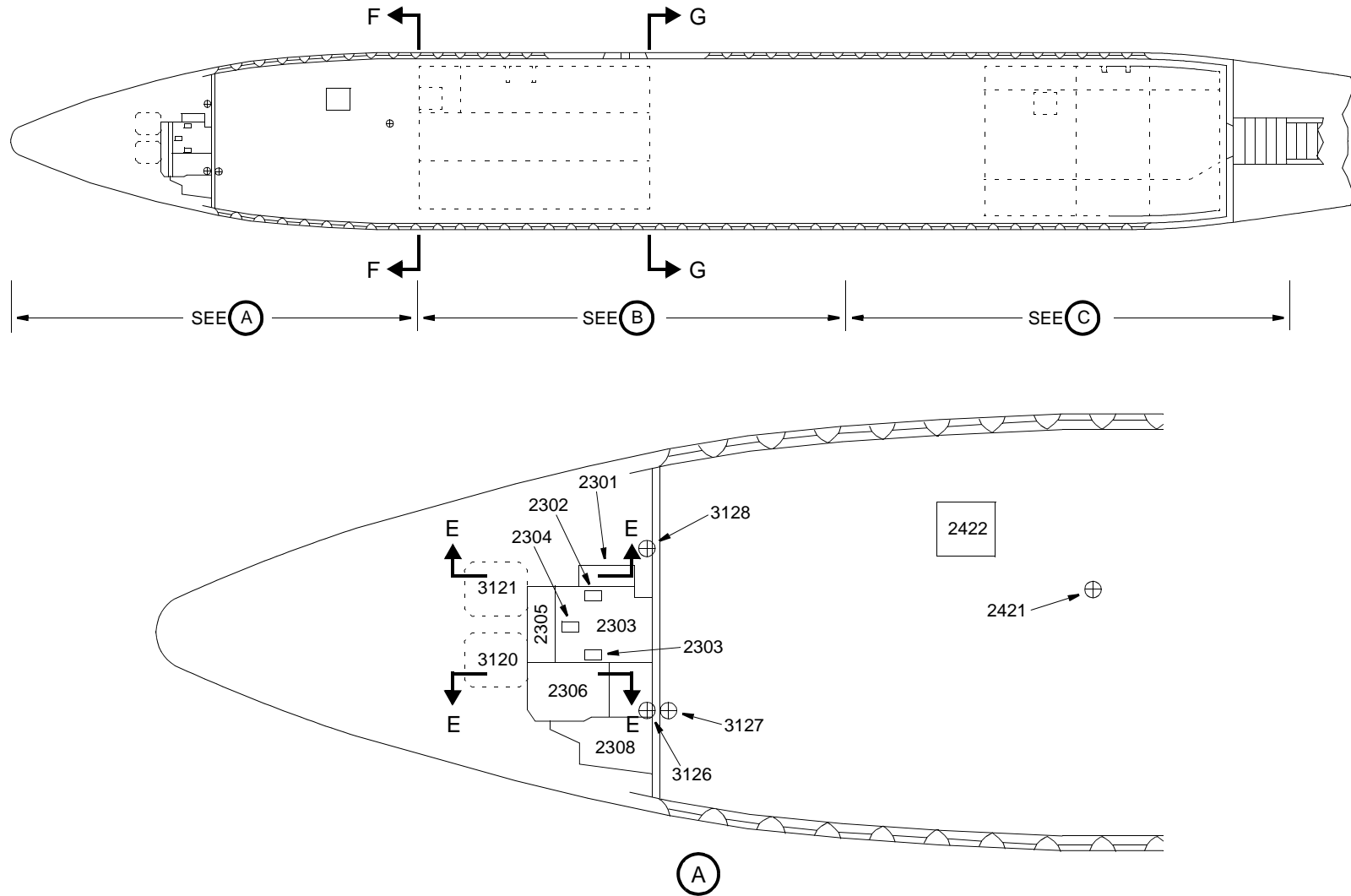


FIGURE 26. INTERIOR ACCESS DOORS AND PANELS

M98853



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Interior Access Doors and Panels
2301	CREW CABIN ACCESS DOOR PANEL
2302	RIGHT MAIN GEAR MANUAL EXTENTION ACCESS DOOR
2303	CREW CABIN ACCESS DOOR
2304	NOSE GEAR MANUAL EXTENTION ACCESS DOOR
2305	CREW CABIN ACCESS DOOR
2306	CREW CABIN ACCESS DOOR
2308	CREW CABIN ACCESS DOOR
2421	OXYGEN VALVE ACCESS DOOR
2422	ELECTRICAL ACCESS PANEL
3120	LEFT NOSE WHEEL WELL ACCESS PANEL
3121	RIGHT NOSE WHEEL WELL ACCESS PANEL
3126	NOSE WHEEL WELL DECK COVER PLATE
3127	NOSE WHEEL WELL DECK COVER PLATE
3128	NOSE WHEEL WELL DECK COVER PLATE

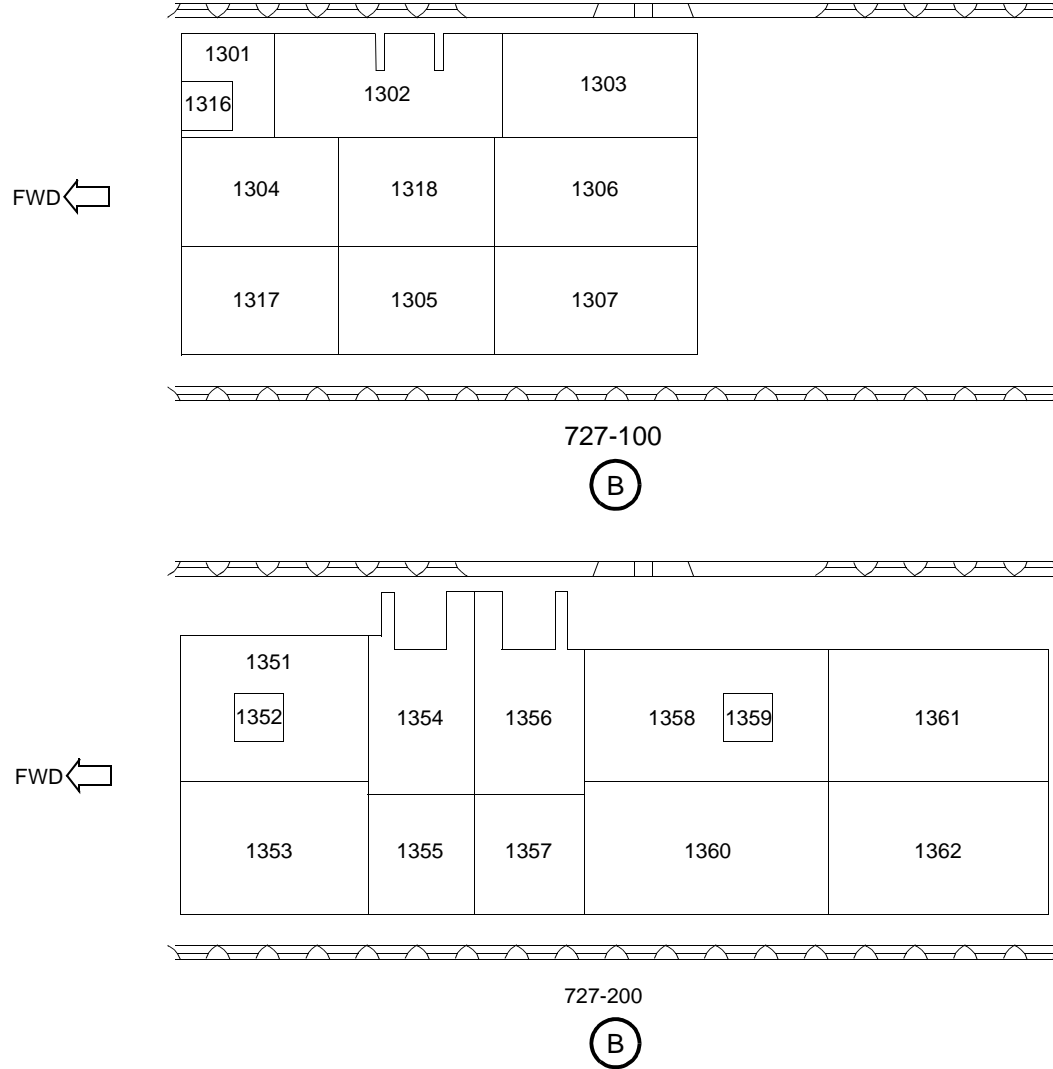
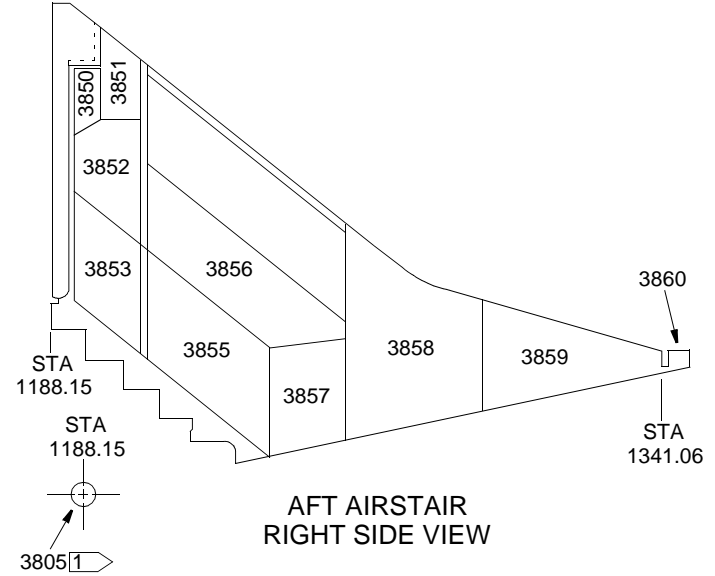
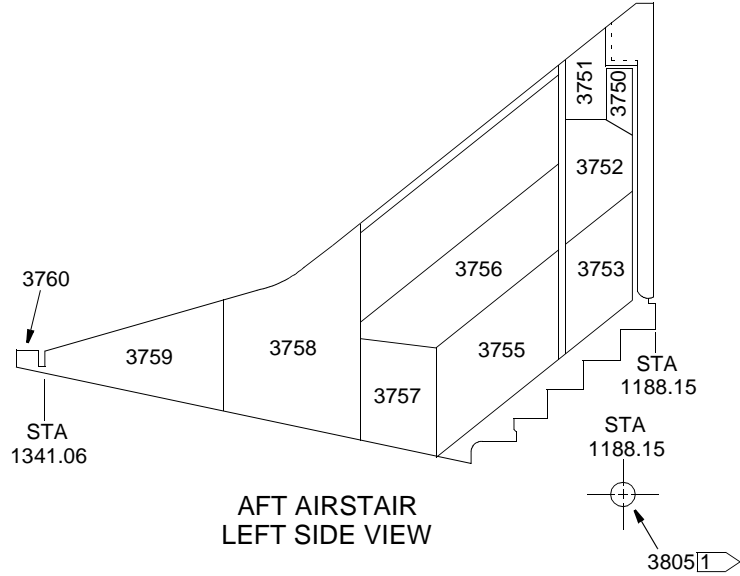
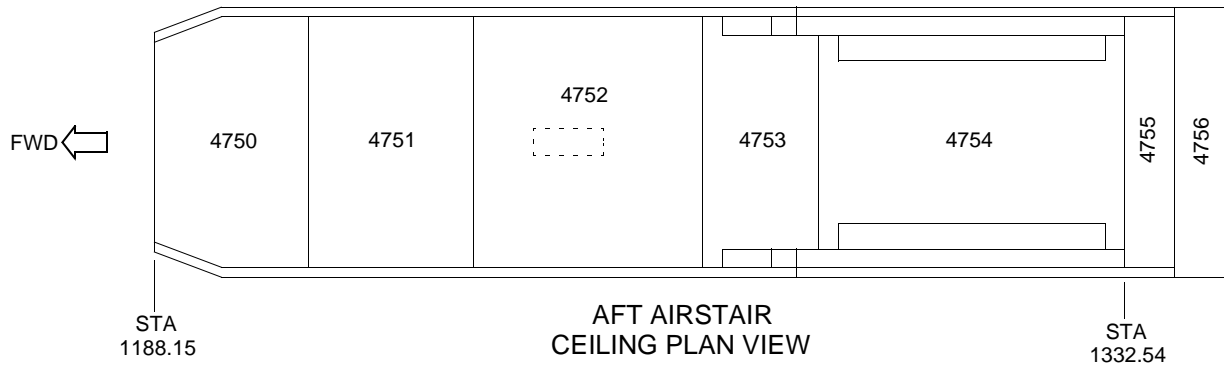


FIGURE 27. INTERIOR ACCESS DOORS AND PANELS



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Interior Access Doors and Panels
1301	FWD CARGO COMPARTMENT CEILING PANEL
1302	FWD CARGO COMPARTMENT CEILING PANEL
1303	FWD CARGO COMPARTMENT CEILING PANEL
1304	FWD CARGO COMPARTMENT CEILING PANEL
1305	FWD CARGO COMPARTMENT CEILING PANEL
1306	FWD CARGO COMPARTMENT CEILING PANEL
1307	FWD CARGO COMPARTMENT CEILING PANEL
1316	FWD CARGO COMPARTMENT CEILING AND BLOWOUT PANEL
1317	FWD CARGO COMPARTMENT CEILING PANEL
1318	FWD CARGO COMPARTMENT CEILING PANEL
1351	FWD CARGO COMPARTMENT CEILING PANEL
1352	FWC CARGO COMPARTMENT CEILING PANEL
1353	BLOWOUT PANEL
1354	FWC CARGO COMPARTMENT CEILING PANEL
1355	FWC CARGO COMPARTMENT CEILING PANEL
1356	FWC CARGO COMPARTMENT CEILING PANEL
1357	FWC CARGO COMPARTMENT CEILING PANEL
1358	FWC CARGO COMPARTMENT CEILING PANEL
1359	BLOWOUT PANEL
1360	FWC CARGO COMPARTMENT CEILING PANEL
1361	FWC CARGO COMPARTMENT CEILING PANEL
1362	FWC CARGO COMPARTMENT CEILING PANEL



1 ACCESS PANEL IS LOCATED IN THE VERTICAL WEB OF THE LOWER TORQUE BOXES

FIGURE 28. AFT AIRSTAIR DOOR AND PANELS

M99118



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Aft Airstair and Panel
3750	AIRSTAIRS ACCESS PANEL
3751	AIRSTAIRS ACCESS PANEL
3752	AIRSTAIRS ACCESS PANEL
3753	AIRSTAIRS ACCESS PANEL
3755	AIRSTAIRS ACCESS PANEL
3756	AIRSTAIRS ACCESS PANEL
3757	AIRSTAIRS ACCESS PANEL
3758	AIRSTAIRS ACCESS PANEL
3759	AIRSTAIRS ACCESS PANEL
3760	AIRSTAIRS ACCESS PANEL
3805	TORQUE BOX ACCESS PANEL
3850	AIRSTAIRS ACCESS PANEL
3851	AIRSTAIRS ACCESS PANEL
3851	AIRSTAIRS ACCESS PANEL
3852	AIRSTAIRS ACCESS PANEL
3853	AIRSTAIRS ACCESS PANEL
3855	AIRSTAIRS ACCESS PANEL
3856	AIRSTAIRS ACCESS PANEL
3857	AIRSTAIRS ACCESS PANEL
3858	AIRSTAIRS ACCESS PANEL
3859	AIRSTAIRS ACCESS PANEL
3860	AIRSTAIRS ACCESS PANEL
4750	AIRSTAIRS ACCESS PANEL
4751	AIRSTAIRS ACCESS PANEL
4752	AIRSTAIRS ACCESS PANEL
4753	AIRSTAIRS ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Panel Number	Airplane Section: Aft Airstair and Panel
4754	AIRSTAIRS ACCESS PANEL
4755	AIRSTAIRS ACCESS PANEL
4756	AIRSTAIRS ACCESS PANEL



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA
SECTION 5. RESERVED



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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SECTION 6. SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM

A. SCOPE 6.0-3

B. SYSTEMS AND POWERPLANT MAINTENANCE REQUIREMENTS RULES 6.0-4

C. SYSTEMS MAINTENANCE SIGNIFICANT ITEMS (MSI) 6.0-6

D. PAGE FORMAT: SYSTEMS MAINTENANCE PROGRAM 6.0-13

SYSTEMS TASKS 6.1-1



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

A. SCOPE

This section of the MPD outlines the scheduled maintenance tasks for the Systems and Powerplant Maintenance Program. MSG-3 revision 2 logic was used to develop these on-airplane scheduled maintenance inspection requirements. Although MSG-3 defines the basic logic used, because of a long operational history, service experience provided additional guidance in determining proper task application and frequency. With the exception of life-limited parts, this process does not generally include off-airplane shop maintenance procedures. Off-airplane detailed procedures are controlled by individual operators and are derived from their reliability program or are in accordance with the Manufacturers Instructions for Continued Airworthiness as required by the Local Regulatory Authority.

This section also includes several tasks that were defined through the MSG-3 Revision 2001.1 Zonal Analysis process. These tasks (Restoration, Detailed Inspection and General Visual Inspection) are considered applicable and effective to minimize wiring contamination and to detect wiring installation discrepancies that may not be reliably detected through a zonal inspection. Since these tasks were defined through the Zonal Analysis process, they are not system specific and do not have a Failure Effect Category assigned. These tasks (Restoration, Detailed Inspection and General Visual Inspection) have been included under ATA Chapter 20. This section, arranged in ATA order, covers the following airplane systems.

12	Servicing	30	Ice and Rain Protection	71	Powerplant
20	Standard Practices	31	Indicating/Recording Systems	72	Engine (internal)
21	Air Conditioning	32	Landing Gear	73	Engine Fuel and Control
22	Auto Flight	33	Lights	74	Ignition
23	Communications	34	Navigation	76	Engine Controls
24	Electrical Power	35	Oxygen	77	Engine Indicating
25	Equipment/Furnishings	36	Pneumatics	78	Exhaust
26	Fire Protection	38	Water/Waste	79	Oil
27	Flight Controls	49	Airborne Auxiliary Power Unit	80	Starting
28	Fuel	52	Doors		
29	Hydraulic Power	56	Windows		



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

B. SYSTEMS AND POWERPLANT MAINTENANCE REQUIREMENTS RULES

1. Crew monitoring of airplane instruments is recognized as an integral part of the flight crew normal duties.
2. Engine sampling is the responsibility of the Engine Manufacturer. The opportunity/threshold inspection requirements are items pertaining to and performed within the guidelines of the power plant inspection requirements. Disassembly sample inspections of major engine components provide the means for monitoring mechanical wear and component durability trends so that an effective on-going maintenance program can be established. These will be opportunity inspections that are to be performed within specified limits. Inspection findings and data will be obtained from engine parts and components that are disassembled for any reason, as long as they are disassembled to the extent necessary to accomplish the required inspection.
3. Program rules will apply to these types of power plants, although individual tasks and procedures will vary due to their design: Pratt & Whitney PWJT8D-7, -9, -15, and -17
4. Lubrication tasks are not required on deactivated doors if the door operating mechanism is no longer accessible from inside the airplane or if the door has been rendered inoperable from inside and/or outside the airplane.
5. Electrical Wiring Interconnection System (EWIS) means any wire, wiring device, or combination of these, including termination devices, installed in the airplane for transmitting electrical energy between two or more termination points.

This section also includes tasks defined through the MSG-3 Revision 2005.1 Enhanced Zonal Analysis Procedure (EZAP) for the interior of fuel tanks. These tasks are identified by (EZAP) in parentheses.

All Special Federal Aviation Regulation 88 (SFAR 88) derived tasks are identified by (SFAR 88) in parentheses following the task descriptions. Tasks denoted with the words (SFAR 88) and/or (EZAP) can neither be deleted nor the task description changed without the approval of the MRB Chairperson, or appropriate national regulatory authority. The interval of the tasks denoted with (SFAR 88) and/or (EZAP) may be escalated through approved processes.

Tasks approved from Fuel Tank Safety (FTS) Requirements using the criteria established in (SFAR 88) / EASA policy statement on the process for developing instructions for maintenance and inspection of fuel tank system ignition source prevention are identified, for example, by (SFAR 88) in



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

parenthesis following the task description in the MRB Report.

For Operators under U.S. FAA Jurisdiction only:

Operators requesting revisions to the baseline FTS requirements for failure effect category (FEC) 5 and 8 tasks, description or intervals, must submit their request through the cognizant Flight Standards District Office, who may add comments and then forward it to the manager of the appropriate FAA Aircraft Certification Office, or office of the Transport Airplane Directorate, having cognizance over the type certificate for the affected airplane for concurrence prior to approval. Tasks and intervals other than FEC 5 and 8 may be revised through normal operator approval process.

For Operators Not under U.S. FAA Jurisdiction:

Operators requesting revisions to the baseline FTS requirements may revise these tasks and intervals through their normal operator approval process.

6. Electrical Wiring Interconnection System (EWIS)

This section contains General Visual Inspections (GVI), Detailed Inspections (DET), and Restoration (RST) (cleaning) tasks that comply with Title 14, Code of Federal Regulations (CFR) 26.11(b), titled "Electrical Wiring Interconnection Systems (EWIS) Maintenance Program". These requirements were created using the "Enhanced Zonal Analysis Procedure" (EZAP) with guidance from Advisory Circular (AC) 25-27.

All EZAP requirements in this section are contained in ATA 20, Standard Practices. They are identified with the term "(EZAP)" in the Task Description. Additional EZAP requirements are included in Section 7, Zonal Maintenance Program. Refer to this section for additional information.

For Operators under U.S. FAA Jurisdiction only:

Operators requesting revisions to the baseline EWIS task or description must submit their request through the cognizant Flight Standards District Office, who may add comments and then forward it to the manager of the appropriate FAA Aircraft Certification Office, or office of the Transport Airplane Directorate, having cognizance over the type certificate for the affected airplane for concurrence prior to approval. Task intervals may be revised through normal operator approval process.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

For Operators Not under U.S. FAA Jurisdiction:

Operators requesting revisions to the EWIS requirements may revise these tasks and intervals through their normal operator approval process.

Refer to Section 7, Zonal Maintenance Program, for additional information.

C. SYSTEMS MAINTENANCE SIGNIFICANT ITEMS (MSI)

All Maintenance Significant Items (MSIs) identified by the manufacturer have been subjected to MSG-3 analysis. This process has resulted in the identification of maintenance inspection tasks which are contained in this Document. Those ATA Systems Codes/Titles reviewed and determined to be non-MSIs are identified with an asterisk (*). Those MSIs that did not generate a task during MSG-3 analysis (No scheduled Maintenance) are identified with a double asterisk (**).



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

21		AIR CONDITIONING SYSTEM
	21-11-00	Auto Pack Trip System
	21-12-00	Flow Multiplier System
	21-22-00	Conditioned Air Distribution, Recirculation and Ground Supply
	21-31-00	Pressurization Control System (Electric)
	21-31-00	Pressurization Control System (Pneumatic)
	21-32-00	Pressurization Relief Valves
	21-33-00	Pressurization Indication and Warning
(**)	21-42-00	Cargo Compartment Heating
	21-55-00	Cooling Packs System
	21-56-00	Ram Air Cooling System
	21-58-00	Equipment Cooling System
	21-61-00	Flight and Cabin Compartment Temperature Control and Indication
	21-63-00	Zone Temperature Control System (727-200 Air-plane)
22		AUTOFLIGHT
(*)	22-00-00	Auto Flight System (SP-50)
	22-00-00	Autoflight System (SP-150)
23		COMMUNICATIONS
(*)	23-11-00	HF Communications

(*)	23-12-00	VHF Communications
(*)	23-22-00	Selcal
(*)	23-24-00	VHF Data Link (ACARS)
	23-31-00	Passenger Address and Entertainment System
(*)	23-41-00	Cabin and Service Interphone
(*)	23-51-00	Flight Interphone System
	23-61-00	Static Discharger
	23-71-00	Cockpit Voice Recorder
	23-90-00	Communication Antenna Mounts
24		ELECTRICAL POWER
	24-11-00	Constant Speed Drive
(**)	24-21-00	AC Generation and External Power
	24-31-00	DC Generation
	24-51-00	Electrical Load Distribution
(**)	24-54-00	Standby Power System
25		EQUIPMENT/FURNISHINGS
(*)	25-12-00	Flight Compartment Placards/ Equipment
	25-15-00	Flight Compartment Seats
(*)	25-20-00	Passenger Compartment Linings
	25-23-00	Passenger and Attendant Seats



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

(*)	25-31-00	Passenger Compartment Equipment Furnishings
	25-41-00	Lavatory Waste Disposal
	25-45-00	Lavatory External Ashtrays
	25-50-00	Lower Cargo Compartment Lining
(**)	25-54-00	Accessory Compartment
	25-55-00	Main Cabin Cargo Equipment (Boeing Installation Only)
	25-60-00	Emergency Equipment
26		FIRE PROTECTION
(**)	26-11-00	Engine Fire Detection (Single Loop)
(**)	26-11-0A	Engine Fire Detection System (A and B System)
(*)	26-12-00	Wheel Well Fire Detection
	26-13-00	Main Deck Cargo Smoke Detection (A and B System)
(*)		Overheat Detection
	26-15-00	APU Fire Detection
(**)	26-16-00	Lower Cargo Compartment Smoke Detection System
	26-17-00	Lavatory Smoke Detection System
	26-21-00	Engine Fire Extinguishing
	26-22-00	Portable Fire Extinguishing

	26-23-00	APU Fire Extinguishing
	26-24-00	Lavatory Fire Extinguishing
	26-25-00	Cargo Compartment Fire Extinguishing System
27		FLIGHT CONTROL
	27-10-00	Aileron Mechanical Control System
(**)	27-11-00	Aileron Centering and Load Feel System
	27-12-00	Aileron Trim System
	27-13-00	Aileron Bus System
	27-16-00	Aileron Hydraulic Actuation and Warning
	27-20-00	Rudder Trim/Load Feel System
	27-22-00	Rudder Mechanical Control System
	27-23-00	Rudder Hydraulic Actuation and Indication
(**)	27-26-00	Rudder Load Limiter System
	27-30-00	Elevator Mechanical Control System
	27-33-00	Elevator Hydraulic Actuation Load Feel and Indication
	27-40-00	Horizontal Stabilizer System (Electrical)
	27-41-00	Horizontal Stabilizer Mechanical System
	27-51-00	Flap Mechanical Control
(**)	27-52-00	Flap Load Limiter System (If Operating At 40° Flaps)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

	27-55-00	Flap Indication and Actuation/ Alternate Flap Drive
	27-60-00	Spoiler and Speed Brake Mechanical Control and Indication
	27-67-00	Spoiler Hydraulic Actuation
	27-81-00	Leading Edge Flap and Slat Hydraulic Actuation and Indication
	27-83-00	Leading Edge Flap and Slat Mechanical Actuation
28		FUEL
	28-11-00	Fuel Tanks
(**)	28-21-00	Pressure Fueling and Defueling System
	28-22-00	Engine/APU Fuel Feed System
	28-31-00	Fuel Dump System
	28-41-0A	Fuel Indicating Systems (Analog)
	28-41-0D	Fuel Quantity Indicating System (Digital)
29		HYDRAULIC POWER
	29-11-00	Hydraulic Power Systems
(**)	29-31-00	Hydraulic Pressure Indicating
	29-32-00	Hydraulic Overheat Warning
	29-33-00	Hydraulic Quantity
(*)	29-34-00	Hydraulic Low Pressure Warning

30		ICE AND RAIN PROTECTION
	30-12-00	Tail Anti-Ice System (If Installed)
	30-13-00	Airplane Anti-Ice System and Detection
	30-21-00	Engine Cowl and Inlet Duct Anti-Ice System
(*)	30-31-00	Pitot Static and Temperature Probe Anti-Icing
(**)	30-41-00	Windshield/Window Ice and Rain Protection, Windshield Wiper
(*)	30-71-00	Water and Waste Water Drain Anti-Icing
31		INDICATING/RECORDING SYSTEMS
(*)	31-25-00	Clocks
	31-26-00	Take-Off and Landing Gear Warning
	31-31-00	Flight Recorder System
32		LANDING GEAR SYSTEMS
	32-11-00	Main Landing Gear Assembly
	32-12-00	Main Landing Gear Door
	32-21-00	Nose Landing Gear Assembly
	32-22-00	Nose Landing Gear Doors
	32-31-00	Landing Gear Extension and Retraction
	32-34-00	Manual Extension System
	32-41-00	Hydraulic Brake System
	32-42-00	Antiskid System



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

	32-43-00	Pneumatic Brake System
	32-44-00	Parking Brake System
	32-45-00	Tires and Wheels
(*)	32-46-00	Autobrake System
	32-51-00	Nose Wheel Steering Control
(**)	32-61-00	Landing Gear Position Indicating
	32-63-00	Landing Gear Visual Indication
(**)	32-71-00	Retractable Tail Skid
33		LIGHTS
(**)	33-10-00	Flight Compartment Lighting
(*)	33-20-00	Passenger Cabin Lighting
(*)	33-20-01	Main Cargo Compartment Lighting
(**)	33-21-00	Passenger Signs
(**)	33-25-00	Aft Airstairs Area Lights
	33-30-00	Wheel Well Light
	33-40-00	Exterior Lighting
	33-50-00	Emergency Lighting
34		NAVIGATION
	34-11-00	Pitot Static System
(**)	34-12-00	Air Data Instruments
(*)	34-13-00	Air Temperature Indication

	34-14-00	Mach Airspeed Warning System
(*)	34-15-00	Performance Data Computer System
(**)	34-17-00	Altitude Alert System
	34-18-00	Stall Warning System (Single)
(**)	34-18-0A	Stall Warning System (Dual)
	34-21-00	Compass System
	34-22-00	Attitude Reference System
(*)	34-23-00	Turn and Bank Indicator
	34-24-00	Standby Magnetic Compass
(**)	34-25-00	Standby Artificial Horizon System
	34-31-00	VHF Navigation System
(*)	34-35-00	Marker Beacon System
(*)	34-37-00	Automatic Directional Finding System (ADF)
	34-41-00	Weather Radar System
(**)	34-43-00	Air Traffic Control System
(*)	34-45-00	Distance Measuring Equipment System
	34-46-00	Traffic Alert and Collision Avoidance System
(**)	34-47-00	Windshear System
(*)	34-48-00	Low Range Radar Altimeter System
	34-49-00	Inertial Reference System
	34-52-00	Ground Proximity Warning System



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

(*)	34-62-00	Flight Director System
(**)	34-63-00	Navigation Instrument Comparator/ Monitor System
	34-90-00	Navigation Antenna Mounts
35		OXYGEN
	35-10-00	Crew Oxygen System
	35-21-00	Passenger Oxygen System
	35-30-00	Portable Oxygen
36		PNEUMATIC
	36-10-00	Air Supply Distribution System
(**)	36-20-00	Pneumatic System Indication
38		WATER AND WASTE
	38-10-00	Potable Water System
(**)	38-31-00	Lavatory Waste Disposal System
49		AUXILIARY POWER UNIT
	49-10-00	APU Shrouds and Air Intake Ducting
	49-12-00	APU Mounts
	49-20-00	APU Engine
(**)	49-30-00	APU Fuel System
(**)	49-40-00	APU Ignition/Starting System
(**)	49-50-00	APU Bleed and Cooling Air System

(**)	49-60-00	APU Engine Controls
(*)	49-71-00	APU Exhaust Gas Temperature Indicating
	49-80-00	APU Exhaust System
	49-90-00	APU Oil Distribution System
52		DOORS
	52-11-00	Forward Passenger Door
	52-12-00	Forward Galley Door
	52-13-00	Aft Entry Door
	52-14-00	Aft Service Doors
	52-20-00	Overwing Emergency Exit Doors
	52-30-00	Lower Cargo Doors
	52-32-00	Number 3 Lower Cargo Door
	52-34-00	Main Deck Cargo Door (Boeing Doors Only)
	52-40-00	Service Doors
(**)	52-47-00	Service Panel Doors
	52-51-00	Flight Compartment Interior Door
(*)	52-52-00	Lavatory Doors
	52-61-00	Forward Entry Door Stairway (If Installed)
	52-62-00	Aft Airstairs
	52-63-00	Aft Airstairs Emergency Extension System (If Installed)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

	52-71-00	Door Warning System
56		WINDOWS
(**)	56-11-00	Cockpit Windshields
	56-12-00	Clearview Window
	56-21-00	Cabin Windows
71		POWERPLANT
	71-11-00	Engine Cowling
	71-21-00	Engine Mounts
72		ENGINE (INTERNAL)
(**)	72-20-00	Air Inlet Section
	72-30-00	Compressor Section
	72-40-00	Combustion Section
	72-50-00	Turbine Section
	72-60-00	Accessory Drives
73		ENGINE FUEL AND CONTROL
(**)	73-00-00	Engine Fuel and Control
74		IGNITION
	74-00-00	Ignition System
75		AIR
(**)	75-30-00	Compressor Control System

76		ENGINE CONTROLS
	76-12-00	Engine Controls
	76-21-00	Engine Emergency Shutdown
77		ENGINE INDICATION
(**)	77-10-00	Engine Power Indication System
78		EXHAUST
	78-10-00	Engine Exhaust Cone
	78-30-00	Thrust Reverser System (Pneumatic)
79		OIL
	79-00-00	Oil Distribution and Storage
	79-30-00	Oil Indication System
80		STARTING
	80-00-00	Engine Start System



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

D. PAGE FORMAT: SYSTEMS MAINTENANCE PROGRAM

COLUMN	EXPLANATION										
MPD ITEM NUMBER	Each task is given a unique MPD item number. The first and second digits identify the ATA chapter number. The third, fourth, and fifth digits denote the MPD sequence number.										
CAT	<p>MSG-3 failure effect categories:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">5 - Evident, Safety</td> <td style="width: 50%;">8 - Hidden, Safety</td> </tr> <tr> <td>6 - Evident, Non-Safety (Operational)</td> <td>9 - Hidden, Non-Safety</td> </tr> <tr> <td>7 - Evident, Non-Safety (Non-Operational)</td> <td>N/A - Not applicable (task defined through MSG-3 zonal analysis logic)</td> </tr> </table>	5 - Evident, Safety	8 - Hidden, Safety	6 - Evident, Non-Safety (Operational)	9 - Hidden, Non-Safety	7 - Evident, Non-Safety (Non-Operational)	N/A - Not applicable (task defined through MSG-3 zonal analysis logic)				
5 - Evident, Safety	8 - Hidden, Safety										
6 - Evident, Non-Safety (Operational)	9 - Hidden, Non-Safety										
7 - Evident, Non-Safety (Non-Operational)	N/A - Not applicable (task defined through MSG-3 zonal analysis logic)										
TASK	<p>MSG-3 task categories:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">LUB = Lubrication</td> <td style="width: 50%;">DET = Detailed Inspection</td> </tr> <tr> <td>SVC = Servicing</td> <td>SDI = Special Detailed Inspection</td> </tr> <tr> <td>OPC = Operational Check</td> <td>FNC = Functional Check</td> </tr> <tr> <td>VCK = Visual Check</td> <td>RST = Restoration</td> </tr> <tr> <td>GVI = General Visual Inspection</td> <td>DIS = Discard</td> </tr> </table>	LUB = Lubrication	DET = Detailed Inspection	SVC = Servicing	SDI = Special Detailed Inspection	OPC = Operational Check	FNC = Functional Check	VCK = Visual Check	RST = Restoration	GVI = General Visual Inspection	DIS = Discard
LUB = Lubrication	DET = Detailed Inspection										
SVC = Servicing	SDI = Special Detailed Inspection										
OPC = Operational Check	FNC = Functional Check										
VCK = Visual Check	RST = Restoration										
GVI = General Visual Inspection	DIS = Discard										
INTERVAL	<p>Task intervals are specified in terms of letter checks, flight hours, cycles, or calendar time. "INTERVAL NOTE" refers to an explanation under the task description.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">CYC = Airplane Flight Cycles</td> <td style="width: 50%;">APU CNG = APU Change</td> </tr> <tr> <td>HRS = Airplane Flight Hours</td> <td>LIF LIM = Life Limited</td> </tr> <tr> <td>YRS = Years</td> <td>ENG CYC = Engine Cycles</td> </tr> <tr> <td>ENG CNG = Engine Change</td> <td></td> </tr> </table>	CYC = Airplane Flight Cycles	APU CNG = APU Change	HRS = Airplane Flight Hours	LIF LIM = Life Limited	YRS = Years	ENG CYC = Engine Cycles	ENG CNG = Engine Change			
CYC = Airplane Flight Cycles	APU CNG = APU Change										
HRS = Airplane Flight Hours	LIF LIM = Life Limited										
YRS = Years	ENG CYC = Engine Cycles										
ENG CNG = Engine Change											
ZONE	The Zone identifies where the task is performed on the airplane. Zones are defined in Section 3, "Zone Diagrams."										
ACCESS	The access panels or door numbers required to be opened when performing the task. Access panels are defined in Section 4, "Access Doors and Panels". "NOTE" refers to an explanation under the task description.										



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

COLUMN	EXPLANATION		
APPLICABILITY APL ENG	Applicable Airplane Model and Engine. "NOTE" refers to an explanation under the task description.		
	<table border="1"><tr><td>APL ALL = All Boeing model 727 Airplanes FRTR = Freighter Configuration PASS = 727-100/-200 Passenger Configuration</td><td>ENG ALL = All Engines PW = Pratt & Whitney PWJT8D-7, -9, -15, & -17</td></tr></table>	APL ALL = All Boeing model 727 Airplanes FRTR = Freighter Configuration PASS = 727-100/-200 Passenger Configuration	ENG ALL = All Engines PW = Pratt & Whitney PWJT8D-7, -9, -15, & -17
APL ALL = All Boeing model 727 Airplanes FRTR = Freighter Configuration PASS = 727-100/-200 Passenger Configuration	ENG ALL = All Engines PW = Pratt & Whitney PWJT8D-7, -9, -15, & -17		
LABOR HOURS	Estimated labor hours (per airplane) required to perform the task(s). These labor hours do not include the time required to gain access, position workstands, defuel and purge fuel tanks, troubleshoot, nor correct discrepancies found while performing the task. The labor hour estimates are based on the use of skilled personnel and ready availability of required tools and equipment.		
TASK DESCRIPTION	Description of the task to be performed. Applicability / Interval / Access notes are listed here to provide additional explanation for the other columns where "NOTE" is used.		



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 20: Standard Practices
20-005-01		RST	4 C	4 C	1-11	1103	ALL	ALL	0.2	Restore (Clean) the area below the flight deck, forward of forward access door, in the lower nose compartment. (EZAP)
20-010-01		RST	4 C	4 C	1-12	1202 NOTE	ALL	ALL	1	Restore (Clean) the EWIS in the electronic compartment. (EZAP) ACCESS NOTE: Electronic compartment floor panel removal required.
20-011-01		DET	4 C	4 C	1-12	1202	ALL	ALL	0.5	Inspect (Detailed) the Engine Generator power feeder cables, including connected EWIS, located in the electronic compartment. (EZAP)
20-012-01		DET	4 C	4 C	1-12	1202 NOTE	ALL	ALL	0.5	Inspect (Detailed) the Auxiliary Power Unit (APU) power feeder cables, including connected EWIS, located in the electronic compartment. (EZAP) ACCESS NOTE: Electronic compartment floor panel removal required.
20-013-01		DET	4 C	4 C	1-12	1202	ALL	ALL	0.5	Inspect (Detailed) the External Power bus power feeder cables, including connected EWIS, located in the electronic compartment. (EZAP)
20-015-01		DET	4 C	4 C	1-12	1202	ALL	ALL	1.5	Inspect (Detailed) the EWIS behind the electronic equipment racks located in the electronic compartment. (EZAP)
20-020-01		RST	4 C	4 C	1-13	NOTE	PASS	ALL	2	Restore (Clean) areas behind the forward cargo compartment sidewalls. (EZAP) ACCESS NOTE: Sidewall Liners removed.
20-021-01		GVI	4 C	4 C	1-13	NOTE	ALL	ALL	0.5	Inspect (General Visual) the Auxiliary Power Unit (APU) power feeder cables, including connected EWIS, located in the fwd cargo compartment. (EZAP) ACCESS NOTE: Floor panel removal required.
20-022-01		GVI	4 C	4 C	1-13	NOTE	ALL	ALL	1	Inspect (General Visual) the Engine Generator power feeder cables, including connected EWIS, located in the fwd cargo compartment. (EZAP) ACCESS NOTE: Ceiling panel removal required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
20-025-01		RST	4 C	4 C	1-13	1312	PASS	ALL	0.5	Restore (Clean) areas behind the STA 720D (STA 680 for 727-100) bulkhead access panels. (EZAP)
20-026-01		GVI	4 C	4 C	1-14	1312	ALL	ALL	0.25	Inspect (General Visual) the Auxiliary Power Unit (APU) power feeder cables, including connected EWIS, located in the air conditioning distribution bay. (EZAP)
20-027-01		GVI	4 C	4 C	1-14	1312	ALL	ALL	0.5	Inspect (General Visual) the Engine Generator power feeder cables, including connected EWIS, located in the air conditioning distribution bay. (EZAP)
20-030-01		RST	4 C	4 C	1-15	NOTE	PASS	ALL	2	Restore (Clean) areas behind the aft cargo compartment sidewalls. (EZAP) ACCESS NOTE: Sidewall Liners removal required.
20-031-01		GVI	4 C	4 C	1-15	NOTE	ALL	ALL	1	Inspect (General Visual) the Engine Generator power feeder cables, including connected EWIS, located in the Aft Cargo Compartment Ceiling. (EZAP) ACCESS NOTE: Ceiling liners removal required.
20-032-01		GVI	5 C	5 C	1-33 1-34	3448 3450 3453 3455	200	ALL	1	Inspect (General Visual) the Auxiliary Power Unit (APU) power feeder cables, including connected EWIS, contained in the left Air Conditioning equipment compartment. (EZAP)
20-033-01		GVI	5 C	5 C	1-33 1-34	NOTE	100	ALL	1	Inspect (General Visual) the Auxiliary Power Unit (APU) power feeder cables, including connected EWIS, contained in the left Air Conditioning equipment compartment. (EZAP) ACCESS NOTE: Cables routed in left A/C compartment close to keel beam. See AMM 12-30-03 for access.
20-035-01		RST	2 C	2 C	2-21 2-22 2-23	NOTE	ALL	ALL	0.5	Restore (Clean) the areas behind rudder pedals and the lower areas behind the third crew member's control panels/conssoles. (EZAP) ACCESS NOTE: Flight control panels/conssoles removal is not required.
20-040-01		RST	4 C	4 C	2-21 2-22 2-23	NOTE	ALL	ALL	0.5	Restore (Clean) the areas under the raceways cover plates on the floor on left and right sides of the control cabin. (EZAP) ACCESS NOTE: Left and right floor raceway cover plate removal required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
20-045-01		DET	4 C	4 C	2-21 2-22 2-23	NOTE	ALL	ALL	1	Inspect (Detailed) the control cabin EWIS in areas under raceways cover plates on the floor in left and right sides, and behind rudder pedals. (EZAP) ACCESS NOTE: Flight control panels/consoles removal is not required.
20-050-01		RST	4 C	4 C	2-24	NOTE	PASS	ALL	0.5	Restore (Clean) the lower areas behind the main cabin compartment sidewalls. (EZAP) ACCESS NOTE: sidewall removal required.
20-055-01		DET	4 C	4 C	2-24	NOTE	ALL	ALL	3	Inspect (Detailed) the Engine 1 and Engine 3 Generator Power Feeder Cables and main cabin galley power feeders (if installed), including connected EWIS, in the main cabin. (EZAP) Location: ENG 1 and 3: Aft pressure bulkhead (aft endwall liners or lavatory, if installed, removal required) Main Cabin Galley: Connected to Galley from above. ACCESS NOTE: Cabin ceiling panels and sidewall panels.
20-060-01		RST	2 C	2 C	2-25	NOTE	ALL	ALL	0.5	Restore (Clean) the forward lavatory compartment in areas under the toilet and the sink. (EZAP) ACCESS NOTE: Remove toilet shroud and open lavatory sink cabinet door.
20-070-01		RST	2 C	2 C	2-27	NOTE	ALL	ALL	0.5	Restore (Clean) the aft left lavatory compartment in areas under the toilet and the sink. (EZAP) ACCESS NOTE: Remove toilet shroud and open lavatory sink cabinet door.
20-080-01		RST	2 C	2 C	2-28	NOTE	ALL	ALL	0.5	Restore (Clean) the aft right lavatory compartment in areas under the toilet and the sink. (EZAP) ACCESS NOTE: Remove toilet shroud and open lavatory sink cabinet door.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
20-100-01		DET	2 C	2 C	5-62	6213 6214 6220 6222 6224 6227 6229 6231 6237 6239 6241 6243 6248 6249 NOTE	ALL	ALL	0.4	Inspect (Detailed) the exposed EWIS in the Left Wing outboard leading edge (WS 332.50 - WS 790). (EZAP) ACCESS NOTE: Slats in full extended position.
20-105-01		DET	2 C	2 C	5-63	6301 6302 NOTE	ALL	ALL	0.2	Inspect (Detailed) the exposed EWIS in the Left Wing inboard leading edge (WBL 70.597 - WS 332.50). (EZAP) ACCESS NOTE: Leading edge flaps extended.
20-106-01		GVI	1 C	1 C	5-84	NOTE	ALL	ALL	0.3	Inspect (General Visual) the EWIS mounted between the Left Wing rear spar and landing gear support beam. (EZAP) ACCESS NOTE: Landing Gear Doors Open.
20-110-01		DET	2 C	2 C	6-64	6401 6402 NOTE	ALL	ALL	0.2	Inspect (Detailed) the exposed EWIS in the Right Wing inboard leading edge (WBL 70.597 - WS 332.50). (EZAP) ACCESS NOTE: Leading edge flaps extended.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
TASK DESCRIPTION										
20-115-01		DET	2 C	2 C	6-65	6512 6514 6520 6522 6524 6527 6529 6531 6537 6539 6541 6543 6548 6549 NOTE	ALL	ALL	0.4	Inspect (Detailed) the exposed EWIS in the Right Wing outboard leading edge (WS 332.50 - WS 790). (EZAP) ACCESS NOTE: Slats in full extended position.
20-116-01		GVI	1 C	1 C	6-85	NOTE	ALL	ALL	0.3	Inspect (General Visual) the EWIS mounted between the Right Wing rear spar and landing gear support beam. (EZAP) ACCESS NOTE: Landing Gear Doors Open.
20-120-01		DET	4 C	4 C	1-11	1201 3125	ALL	ALL	0.4	Inspect (Detailed) the External Power bus feeder cables, including connected EWIS, in the lower nose compartment. (EZAP)
20-130-01		DET	1 C	1 C	1-35 1-36	3506 3507 3606 3607	ALL	ALL	0.5	Inspect (Detailed) the Auxiliary Power Unit (APU) power feeder cables, including connected EWIS, in the main landing gear well. (EZAP)
20-131-01		DET	1 C	1 C	1-36 1-35	3506 3507 3606 3607	ALL	ALL	1	Inspect (Detailed) all exposed EWIS located in the Main Landing Gear Wheel Well, including within APU Shroud. (EZAP)
20-132-01		DET	2 C	2 C	2-37 2-47	3752 3753 3756 3759 4754 NOTE	ALL	ALL	0.5	Inspect (Detailed) the Engine 1 and Engine 2 Generator power feeder cables, including connected EWIS, in the Aft Airstairs Left Equipment Area. (EZAP) ACCESS NOTE: Open aft airstairs.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
20-133-01		DET	2 C	2 C	2-38	3852 3853 3856 NOTE	ALL	ALL	0.3	Inspect (Detailed) the Engine 3 Generator power feeder cables, including connected EWIS, in the Aft Airstairs Right Equipment Area. (EZAP) ACCESS NOTE: Open aft airstairs.
20-140-01		DET	1 C	1 C	4-51	5102 5103	ALL	ALL	0.5	Inspect (Detailed) the Engine Generator power feeder cables, including connected EWIS, in engine No. 1. (EZAP)
20-140-02		DET	1 C	1 C	4-52	5202 5203 NOTE	ALL	ALL	0.5	Inspect (Detailed) the Engine Generator power feeder cables, including connected EWIS, in engine No. 2. (EZAP) ACCESS NOTE: FWD and aft engine cowl panels.
20-140-03		DET	1 C	1 C	4-53	5302 5303	ALL	ALL	0.5	Inspect (Detailed) the Engine Generator power feeder cables, including connected EWIS, in engine No. 3. (EZAP)
20-145-01		DET	2 C	2 C	4-54	5401	ALL	ALL	0.5	Inspect (Detailed) the Engine Generator power feeder cables, including connected EWIS, in the engine strut No. 1. (EZAP)
20-145-02		DET	2 C	2 C	4-55	5501	ALL	ALL	0.5	Inspect (Detailed) the Engine Generator power feeder cables, including connected EWIS, in the Engine Strut No. 3. (EZAP)
20-175-01		DET	5 C	5 C	1-13	NOTE	ALL NOTE	ALL	1.2	Inspect (Detailed) the EWIS inside the auxiliary fuel tank(s) in the forward cargo compartment. (SFAR 88) (EZAP) AIRPLANE NOTE: Airplanes with auxiliary fuel tank(s) installed in the FWD Cargo Compartment. ACCESS NOTE: Auxiliary fuel tank cell access panel.
20-175-02		DET	5 C	5 C	1-15	NOTE	ALL NOTE	ALL	1.2	Inspect (Detailed) the EWIS inside the auxiliary fuel tank(s) in the aft cargo compartment. (SFAR 88) (EZAP) AIRPLANE NOTE: Airplanes with auxiliary fuel tank(s) installed in the aft cargo compartment. ACCESS NOTE: Auxiliary fuel tank cell access panel.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
20-180-01		DET	4 C	4 C	1-74	3401 3448 7401 NOTE	ALL	ALL	1.5	Inspect (Detailed) the EWIS inside the bladder/Integral fuel cell area / tank No. 2. (SFAR 88) (EZAP) ACCESS NOTE: Access Panel 3401 applicable to the 727-100 only. Access Panel 3448 applicable to 727-200 only.
20-185-01		DET	5 C	5 C	5-73 5-72	6303 7201 7202 7203 7204 7205 7206 7207 7208 7209 7210 7211 7212 7213 7214 7215 7216 7217 7218 7301 7302 7340 NOTE	ALL	ALL	2	Inspect (Detailed) the EWIS in the Left Wing main fuel tank (No. 1) and tank (No. 2) wet areas. (SFAR 88) (EZAP) ACCESS NOTE: Open as required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3	
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM	
										TASK DESCRIPTION	
20-190-01		DET	5 C	5 C	6-75 6-76	6403 7501 7502 7540 7601 7602 7603 7604 7605 7606 7607 7608 7609 7610 7611 7612 7613 7614 7615 7616 7617 7618 NOTE	ALL	ALL	2	Inspect (Detailed) the EWIS in the Right Wing main fuel tank (No. 3) and tank (No. 2) wet areas. (SFAR 88) (EZAP) ACCESS NOTE: Open as required.	



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 21: Air Conditioning
21-005-01	9	FNC	2 C	2 C	2-21 2-22 2-23		200	ALL	0.50	Functional Check of the Auto Pack Trip System and Alerts
21-010-01	9	VCK	1 A	1 A	1-34	3456	200	ALL	0.20	Visual Check of the Flow Multiplier Oil Level
21-015-01	9	FNC	2 C	2 C	2-22 2-23		200	ALL	0.50	Functional Check of the Flow Multiplier Overheat Indication System
21-020-01	6	DET	3 C	3 C	1-13		ALL	ALL	0.20	Detailed Inspection of the Ground Air Check Valves Flapper and Hinge Pin
21-025-01	6	DET	3 C	3 C	1-14	NOTE	ALL	ALL	0.50	Detailed Inspection of the Conditioned Air Check Valves Flapper and Hinge Pin ACCESS NOTE: Forward cargo compartment door
21-030-01	6	RST	1 C	1 C	2	NOTE	ALL	ALL	0.20	Clean the Cabin Air Exhaust Baffles ACCESS NOTE: Remove passenger compartment sidewall panel.
21-035-01	7	RST	2 C	2 C	1-14	NOTE	ALL	ALL	0.20	Clean the Gasper Air Recirculation Inlet Screen ACCESS NOTE: Forward cargo compartment door
21-040-01	9	OPC	3 C	3 C	1-14	NOTE	ALL	ALL	0.30	Operational Check of the Main Manifold Pressure Relief Valve ACCESS NOTE: Forward cargo compartment aft liner
21-045-01	9	OPC	3 C	3 C	1	NOTE	ALL	ALL	0.05	Operational Check of the Flotation Check Valves ACCESS NOTE: Remove the liners from the ceiling of the forward and aft cargo compartments.
21-050-01	6	FNC	1 C	1 C	1 2		ALL	ALL	8.00	Functional Check (Decay Check) of the Airplane Fuselage (Electric)
21-055-01	6	RST	2 A	2 A	1-15	NOTE	ALL	ALL	0.20	Clean the Outflow Valve Assembly ACCESS NOTE: Remove the access panel from the aft shroud of the aft cargo compartment.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
21-060-01	6	SVC	1 C	1 C	1	NOTE	ALL	ALL	8.00	Drain the Pneumatic Control Tubing Drain Traps ACCESS NOTE: Remove the liner from the aft bulkhead of the aft cargo compartment.
21-065-01	9	DIS	1 C	1 C	2-23		ALL	ALL	0.20	Discard the Pressure Controller Filter (Manual)
21-070-01	8	RST	1 C	1 C	1-15	NOTE	ALL	ALL	6.00	Restoration of the Negative/Positive Portion of the Outflow Valve Assembly ACCESS NOTE: Remove the liner from the aft end of the aft cargo compartment.
21-075-01	8	RST	4 C	4 C	1-12	NOTE	ALL	ALL	0.50	Restoration of the Outflow Valves Cabin Altitude Limiter Function ACCESS NOTE: Remove the liner from the aft end of the aft cargo compartment.
21-080-01	6	FNC	1 C	1 C	1 2		ALL	ALL	8.00	Functional Check (Decay Check) of the Airplane Fuselage (Pneumatic)
21-085-01	9	FNC	2 C	2 C	1		ALL	ALL	0.00	Functional Check of the Cabin Positive Pressure Relief Valve
21-090-01	9	DIS	2 C	2 C	1-15	4501 4502 4503	ALL	ALL	0.30	Discard the Cabin Positive Pressure Relief Valve Filter
21-095-01	9	OPC	4 C	4 C	1-13	NOTE	ALL	ALL	0.20	Operational Check of the Forward Cargo Compartment Pressure Equalization Valve to Check for Freedom of Movement ACCESS NOTE: Remove the center panel from the aft bulkhead in the forward cargo compartment.
21-100-01	9	OPC	4 C	4 C	1-15	NOTE	ALL	ALL	0.20	Operational Check of the Aft Cargo Compartment Pressure Equalization Valve to Check for Freedom of Movement ACCESS NOTE: Remove the panel of the aft bulkhead in the aft cargo compartment that is adjacent to the equalization valve.
21-105-01	9	LUB	2 C	2 C	1-15	4501	ALL	ALL	0.30	Lubricate the Negative Pressure Relief Valve



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
21-110-01	9	FNC	2 C	2 C	1-15	4501	ALL	ALL	0.20	Functional Check of the Negative Pressure Relief Valve for Cracking Pressure
21-115-01	8	FNC	2 C	2 C	2-21 2-22		ALL	ALL	0.50	Functional Check of the Cabin Low Pressure Warning and Indication System
21-120-01	7	RST	2 C	2 C	1-14		ALL	ALL	1.00	Clean the Primary Heat Exchanger
21-125-01	7	SVC	2 C	2 C	1-33 1-34	3351 3451	ALL	ALL	0.30	Drain and Service the Air Cycle Machine
21-130-01	7	VCK	1 A	1 A	1-33 1-34	3351 3451	ALL	ALL	0.20	Visual Check of Air Cycle Machine Oil Level
21-135-01	7	RST	2 C	2 C	1-14		ALL	ALL	1.00	Clean the Secondary Heat Exchanger
21-140-01	7	DET	2 C	2 C	1-33 1-34	3353 3453	ALL	ALL	0.30	Detailed Inspection of the Check Valve (Between Heat Exchangers)
21-150-01	7	RST	1 C	1 C	1-33 1-34	3349 3449	ALL	ALL	0.30	Clean the Water Separator Coalescer Bag
21-155-01	7 9	FNC	2 C	2 C	1-33 1-34	3351 3451	ALL	ALL	1.50	Functional Check of the Pack Overheat Protection System and Alerts
21-165-01	7	LUB	1 C	1 C	1-33 1-34	3321 3326 3421 3426	ALL NOTE	ALL	0.30	Lubricate the Ram Air System Check Valve AIRPLANE NOTE: Airplanes with grease Zerk fitting installed only
21-170-01	9	OPC	2 C	2 C	1-33 1-34	3348 3351 3356 3358 3448 3451 3456 3458	ALL NOTE	ALL	1.00	Operational Check of the Ram Air Ventilation System AIRPLANE NOTE: Airplanes with ram air ventilation system installed only
21-175-01	7 9	FNC	2 C	2 C	1-12		ALL	ALL	0.30	Functional Check of the Equipment Cooling System
21-180-01	7	RST	2 C	2 C	1-12	1202	ALL	ALL	1.00	Clean the Equipment Cooling Blower Screen
21-185-01	7	RST	1 C	1 C	2-24		ALL	ALL	0.40	Clean the Passenger Cabin Temperature Sensor
21-190-01	7	RST	1 C	1 C	2-24		ALL	ALL	0.40	Clean the Passenger Cabin Temperature Sensor Inlet Grille



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
21-195-01	7	DIS	1 C	1 C	2-24		ALL NOTE	ALL	0.20	Discard the Passenger Cabin Temperature Sensor Grille Filter AIRPLANE NOTE: Airplanes with Passenger Cabin Temperature Sensor Grille Filter installed only.
21-200-01	7	RST	1 C	1 C	2-24		ALL	ALL	0.40	Clean the Control Cabin Temperature Sensor Inlet Grille
21-205-01	7	RST	1 C	1 C	2-24		ALL	ALL	0.30	Clean the Control Cabin Temperature Sensor
21-210-01	9	FNC	2 C	2 C	1-14	NOTE	ALL	ALL	0.50	Functional Check of the Passenger/Control Cabin Duct Overheat System and Alerts ACCESS NOTE: Remove the center panel of the aft liner in the forward cargo compartment.
21-215-01	9	FNC	2 C	2 C	2-21 2-22		200	ALL	0.20	Functional Check of the Zone Temperature Duct Overheat System and Alerts



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 22: AUTO FLIGHT
22-005-01	8	OPC	1 A	1 A	2-21 2-23		ALL NOTE	ALL	0.40	Operational Check of the Autopilot Aural Disengage Warning AIRPLANE NOTE: Autoland operation only
22-010-01	8	FNC	1 C	1 C	2-21 2-22		ALL NOTE	ALL	0.40	Functional Check of the Autoflight System Cam Out During Elevator Split AIRPLANE NOTE: Autoland operation only
22-015-01	8	FNC	1 C	1 C	2-21 2-22		ALL NOTE	ALL	0.40	Functional Check of the Elevator Autopilot Authority AIRPLANE NOTE: Autoland operation only



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 23: Communications
23-005-01	8	FNC	2 C	2 C	2		ALL	ALL	0.20	Functional Check of the Passenger Address Speakers
23-010-01	8	OPC	2 C	2 C	2		ALL	ALL	0.20	Operational Check of the Passenger Address Priority System
23-015-01	6	FNC	3 C	3 C	3 5 6		ALL	ALL	0.30	Functional Check of the Static Discharging Capability
23-020-01	9	OPC	1 C	1 C	2-21 2-22		ALL	ALL	0.20	Operational Check of the Cockpit Voice Recorder 4 Channel Input
23-025-01	9	DIS	NOTE	NOTE	2-21		ALL	ALL	0.40	Discard and Functional Check the Cockpit Voice Recorder Underwater Locator Beacon Battery INTERVAL NOTE: Functional check and discard of the underwater locator beacon battery at manufacturer's recommended interval
23-030-01	9	DET	2 C	2 C	1 2		ALL NOTE	ALL	0.60	Detailed Inspection of the Lower Communication Antennas and Mounts AIRPLANE NOTE: Antennas removed
23-035-01	9	DET	4 C	4 C	2 3-95		ALL NOTE	ALL	0.60	Detailed Inspection of the Upper Communication Antennas and Mounts AIRPLANE NOTE: Antennas removed



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 24: Electrical Power
24-005-01	7	VCK	1 A	1 A	4-51 4-52 4-53	5102 5302 NOTE	ALL	ALL	0.10	Visual Check of the Constant Speed Drive for Proper Oil Level ACCESS NOTE: For the number 2 engine, open the forward and aft, left and right cowls.
24-010-01	7	VCK	1 A	1 A	4-51 4-52 4-53	5102 5302 NOTE	ALL	ALL	0.10	Visual Check of the Constant Speed Drive Charge Filter Pressure Indicator ACCESS NOTE: For the number 2 engine, open the forward and aft, left and right cowls.
24-015-01	7	VCK	1 A	1 A	4-51 4-52 4-53	5102 5302 NOTE	ALL	ALL	0.10	Visual Check of the Constant Speed Drive Line Filter Pressure Indicator ACCESS NOTE: For the number 2 engine, open the forward and aft, left and right cowls.
24-020-01	7	GVI	1 A	1 A	4-51 4-52 4-53	5102 5302 NOTE	ALL	ALL	6.00	General Visual inspection of the Constant Speed Drive Quick Attach Detach Ring, As Installed ACCESS NOTE: For the number 2 engine, open the forward and aft, left and right cowls.
24-025-01	7	SVC	1 A	1 A	4-51 4-52 4-53	5102 5302 NOTE	ALL	ALL	1.00	Drain and Refill Constant Speed Drive Input Wet Pad Spline Cavity ACCESS NOTE: For the number 2 engine, open the forward and aft, left and right cowls.
24-030-01	9	OPC	NOTE	NOTE	4-51 4-53	5102 5302 NOTE	ALL	ALL	2.50	Operational Check of the Constant Speed Drive Disconnect System INTERVAL NOTE: At 2C and at engine change ACCESS NOTE: For the number 2 engine, open the forward and aft, left and right cowls.
24-035-01	8	RST	NOTE	NOTE	1-12	1202	ALL	ALL	2.00	Restoration of the Main Airplane Battery INTERVAL NOTE: Specific interval dependent on battery charger installed



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
24-040-01	8	DET	2 C	2 C	4-51 4-53 4-54 4-55	5102 5302 NOTE	ALL	ALL	2.00	Detailed Inspection of the Generator Feeder Cable (Non-Pressurized) ACCESS NOTE: Access through various nacelle panels
24-045-01	8	DET	4 C	4 C	4	NOTE	ALL	ALL	2.00	Detailed Inspection of the Generator Feeder Cable (Pressurized) ACCESS NOTE: Access through various nacelle panels
24-050-01	8	DET	2 C	2 C	1-35 1-36		ALL	ALL	2.00	Detailed Inspection of the Auxiliary Power Unit Bus Feeder Cable (Non-Pressurized)
24-055-01	8	DET	4 C	4 C	1-12 1-13 1-14		ALL	ALL	2.00	Detailed Inspection of the Auxiliary Power Unit Bus Feeder Cable (Pressurized)
24-060-01	8	DET	4 C	4 C	1-11 1-12	1103 1202	ALL	ALL	2.00	Detailed Inspection of the External Power Bus Feeder Cable (Pressurized)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 25: Equipment / Furnishings
25-005-01	5	LUB	1 C	1 C	2-21 2-22 2-23		ALL	ALL	0.50	Lubricate All Flight Compartment Seat Track Attachments
25-010-01	5	DET	2 C	2 C	2-21 2-22 2-23		ALL	ALL	0.50	Detailed Inspection of All Flight Compartment Seat Track and Seat Attachments
25-015-01	8	OPC	1 C	1 C	2-21 2-22 2-23		ALL	ALL	0.25	Operational Check of All Flight Compartment Seats Shoulder Harness Reel Assemblies
25-020-01	8	GVI	1 C	1 C	2-21 2-22 2-23		ALL	ALL	0.25	General Visual Inspection of All Flight Compartment Seats Shoulder Harness Assemblies
25-025-01	8	GVI	1 C	1 C	2-21 2-22 2-23		ALL	ALL	0.25	General Visual Inspection of All Flight Compartment Seats Shoulder Harness Reel Assemblies
25-030-01	8	GVI	1 C	1 C	2-21 2-22 2-23		ALL	ALL	0.25	General Visual Inspection of All Flight Compartment Seats Crotch Strap Assemblies
25-040-01	8	GVI	1 C	1 C	2-21 2-22 2-23		ALL	ALL	0.25	General Visual Inspection of All Flight Compartment Seat Belt Assemblies
25-045-01	8	DET	1 C	1 C	2-24		ALL	ALL	0.50	Detailed Inspection of the Passenger Seats for Attachments and locking to Structure
25-050-01	8	DET	1 C	1 C	2-24		ALL	ALL	0.25	Detailed Inspection of the Forward Seat (Attendant) for Attachment to Structure
25-055-01	8	DET	1 C	1 C	2-24		ALL	ALL	0.25	Detailed Inspection of the Aft Seat (Attendant) for Attachment to Structure
25-060-01	8	DET	1 C	1 C	2-24		ALL	ALL	0.25	Detailed Inspection of the Folding Seat (Attendant) for Attachment to Structure
25-065-01	8	DET	4 C	4 C	2-24		ALL	ALL	0.50	Detailed Inspection of the Passenger Seat Tracks
25-070-01	8	OPC	1 C	1 C	2-24		ALL	ALL	0.25	Operational Check of the Attendant Shoulder Harness/Inertial Reel for Locking Ability
25-075-01	8	GVI	1 C	1 C	2-24		ALL	ALL	0.25	General Visual Inspection of the Passenger Seat Belt Webbing for Condition and Security



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
25-080-01	8	GVI	2 C	2 C	2-24		ALL	ALL	0.25	General Visual Inspection of the Attendant Seat Belt/Shoulder Harness Webbing for Condition and Security
25-085-01	8	OPC	1 C	1 C	2-24		ALL	ALL	0.25	Operational Check of the Passenger and Attendant Seat Belt Shackle Assembly and Check for Freedom of Shackle to Self-Center
25-090-01	8	FNC	1 C	1 C	2-24		ALL	ALL	0.25	Functional Check of the Passenger and Attendant Seat Belt Attach Bolt Assembly for Proper Torque
25-095-01	5	FNC	1 C	1 C	2-24		ALL	ALL	0.25	Functional Check of the Forward/Aft Attendant Seat for Proper Seat Operation
25-115-01	9	OPC	1 A	1 A	2-24		ALL	ALL	0.02	Operational Check of the Waste Disposal Receptacle Flapper Door(s) (Internal/External)
25-120-01	8	DET	1 A	1 A	2-24		ALL	ALL	0.02	Detailed Inspection of the Waste Disposal Receptacle Flapper Door Seal(s) (Internal/External)
25-125-01	8	GVI	1 A	1 A	2-24		ALL	ALL	0.02	General Visual Inspection of the Lavatory External Ashtrays
25-130-01	8	GVI	1 A	1 A	1-13 1-15		ALL	ALL	0.70	General Visual Inspection of the Lower Cargo Compartment Liners
25-135-01	6	DET	1 C	1 C	2-24		FRTR	ALL	0.50	Detailed Inspection of the Main Cabin Passenger Pallet Lock
25-135-02	6	DET	1 C	1 C	2-24		COMB	ALL	0.50	Detailed Inspection of the Main Cabin Passenger Pallet Lock
25-140-01	6	DET	1 C	1 C	2-24		FRTR	ALL	0.50	Detailed Inspection of the Main Cabin (Fixed) Side Restraints
25-140-02	6	DET	1 C	1 C	2-24		COMB	ALL	0.50	Detailed Inspection of the Main Cabin (Fixed) Side Restraints
25-145-01	6	DET	1 C	1 C	2-24		FRTR	ALL	0.50	Detailed Inspection of the Main Cabin Pallet Lock (Center Type)
25-145-02	6	DET	1 C	1 C	2-24		COMB	ALL	0.50	Detailed Inspection of the Main Cabin Pallet Lock (Center Type)
25-150-01	6	DET	1 C	1 C	2-24		FRTR	ALL	0.50	Detailed Inspection of the Main Cabin Pallet Lock (Continuous Type)
25-150-02	6	DET	1 C	1 C	2-24		COMB	ALL	0.50	Detailed Inspection of the Main Cabin Pallet Lock (Continuous Type)
25-155-01	6	DET	1 C	1 C	2-24		FRTR	ALL	0.50	Detailed Inspection of the Main Cabin Retractable Side Restraints



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
25-155-02	6	DET	1 C	1 C	2-24		COMB	ALL	0.50	Detailed Inspection of the Main Cabin Retractable Side Restraints
25-160-01	6	DET	1 C	1 C	2-24		FRTR	ALL	0.50	Detailed Inspection of the Main Cabin Forward and Aft Pallet Stop Assembly
25-160-02	6	DET	1 C	1 C	2-24		COMB	ALL	0.50	Detailed Inspection of the Main Cabin Forward and Aft Pallet Stop Assembly
25-165-01	8	DET	1 C	1 C	2-24		FRTR	ALL	0.50	Detailed Inspection of the Main Cabin 9G Barrier Net Assembly
25-165-02	8	DET	1 C	1 C	2-24		COMB	ALL	0.50	Detailed Inspection of the Main Cabin 9G Barrier Net Assembly
25-170-01	8	DIS	NOTE	NOTE	2-24		FRTR	ALL	0.50	Discard Main Cabin 9G Barrier INTERVAL NOTE: Per manufacturer's recommended life limit
25-170-02	8	DIS	NOTE	NOTE	2-24		COMB	ALL	0.50	Discard Main Cabin 9G Barrier INTERVAL NOTE: Per manufacturer's recommended life limit
25-175-01	8	DET	2 C	2 C	2-24		FRTR	ALL	0.75	Detailed Inspection of the Main Cabin 9G Barrier Net Assembly Fittings
25-175-02	8	DET	2 C	2 C	2-24		COMB	ALL	0.75	Detailed Inspection of the Main Cabin 9G Barrier Net Assembly Fittings
25-180-01	9	OPC	2 A	2 A	2-24		ALL	ALL	0.01	Operational Check of the Hand-Held Passenger Address Megaphone to Check Audio Function
25-185-01	9	DIS	NOTE	NOTE	2-24		ALL	ALL	0.05	Discard the Hand-Held Passenger Address Megaphone Batteries INTERVAL NOTE: Per manufacturer's recommendation
25-190-01	8	OPC	NOTE	NOTE	2-24		ALL	ALL	0.70	Operational Check of the Escape Slide Deployment System INTERVAL NOTE: (1C/Passenger), (2C/Freighter). On a rotating basis, a different door will be selected at each interval. As an ongoing continuing maintenance program, this task should continue until revised by the MRB.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
25-195-01	8	FNC	NOTE	NOTE	2-24		ALL	ALL	0.25	Functional Check of the Escape Slide Bottles (Hydrostatic Test) INTERVAL NOTE: Interval to be determined by 49 CFR Part 180 requirements and/or manufacturer's recommendation
25-200-01	8	RST	NOTE	NOTE	2-24		ALL	ALL	0.70	Restoration of the Escape Slides INTERVAL NOTE: Per manufacturer's recommendation
25-205-01	8	VCK	1 A	1 A	2-24		ALL	ALL	0.01	Visual Check of the Escape Slide Bottles for Proper Pressure
25-210-01	8	DET	2 C	2 C	2-21 2-22		ALL	ALL	0.03	Detailed Inspection of the Flight Compartment Escape Lines
25-215-01	8	DET	2 C	2 C	2-24		ALL	ALL	0.03	Detailed inspection of the Overwing Exit Hatch Escape Lines
25-220-01	8	DET	2 C	2 C	2-24		ALL	ALL	0.02	Detailed Inspection of the Cabin Door Escape Line "If Installed"
25-225-01	8	GVI	1 A	1 A	2-23		ALL	ALL	0.02	General Visual Inspection of the Fire Ax
25-230-01	8	VCK	1 A	1 A	2-21 2-22		ALL	ALL	0.08	Visual Check of the First Aid Kit for Seal and Date
25-235-01	8	VCK	1 A	1 A	2-21 2-22		ALL	ALL	0.08	Visual Check of the Medical Kit for Seal and Date
25-240-01	8	DIS	NOTE	NOTE	2-21 2-22		ALL	ALL	0.08	Discard of the Medical Kit Life Limited Items INTERVAL NOTE: Per manufacturer's recommendation
25-245-01	8	VCK	1 C	1 C	2-21 2-23		ALL	ALL	0.02	Visual Check of the Crew Life Vest for Condition and Expiration Date
25-250-01	8	RST	NOTE	NOTE	2-21 2-22 2-23 2-24		ALL	ALL	0.02	Restoration of the Crew Life Vest INTERVAL NOTE: Per manufacturer's recommendation
25-255-01	8	VCK	1 C	1 C	2-24		ALL	ALL	0.02	Visual Check of the Passenger Life Vest for Condition and Expiration Date



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
25-260-01	8	RST	NOTE	NOTE	2-24		ALL	ALL	0.02	Restoration of the Passenger Life Vest INTERVAL NOTE: Per manufacturer's recommendation
25-265-01	8	VCK	1 A	1 A	2-24		ALL	ALL	0.02	Visual Check of the Life Raft Bottle Pressure "If Installed"
25-270-01	8	RST	NOTE	NOTE	2-24		ALL	ALL	0.70	Restoration of the Life Raft "If Installed" INTERVAL NOTE: Per manufacturer's recommendation
25-275-01	8	FNC	NOTE	NOTE	2-24		ALL	ALL	0.25	Functional Check (Hydrostatic Test) of the Life Raft Bottles INTERVAL NOTE: Interval to be determined by 49 CFR Part 180 requirements and/or manufacturer's recommendations
25-280-01	6	VCK	1 A	1 A	2-23 2-24		ALL NOTE	ALL	0.02	Visual Check of the Protective Breathing Equipment for Condition, Seal, and Inspection Date AIRPLANE NOTE: Airplanes with protective breathing equipment installed only
25-285-01	6	RST	NOTE	NOTE	2-23 2-24		ALL NOTE	ALL	0.02	Restoration of the Protective Breathing Equipment AIRPLANE NOTE: Airplanes with protective breathing equipment installed only INTERVAL NOTE: Per manufacturer's recommendation
25-290-01	8	VCK	1 A	1 A	2-24		ALL	ALL	0.08	Visual Check of the Survival Kit for Presence (When Separate From Life Raft) "If Installed"
25-295-01	8	DIS	NOTE	NOTE	2-24		ALL	ALL	0.50	Discard the Survival Kit (When Separate From Life Raft) Life Limited Items "If Installed" INTERVAL NOTE: Per manufacturer's recommendation or local regulatory authority
25-300-01	9	VCK	1 A	1 A	2-22 2-23 2-24		ALL NOTE	ALL	0.02	Visual Check of the Emergency Flashlight and Signal Kit for Seal and Inspection Date AIRPLANE NOTE: Airplanes with Emergency Flashlight and Signal Kit installed only.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
25-305-01	9	FNC	NOTE	NOTE	2-24		ALL	ALL	0.50	Functional Check of the Emergency Locator Transmitter (ELT) "If Installed" INTERVAL NOTE: Per manufacturer's recommendation or local regulatory authority
25-315-01	8	OPC	1 A	1 A	2-22 2-23 2-24		ALL NOTE	ALL	0.13	Operational Check of the Emergency Flashlights AIRPLANE NOTE: Airplanes with emergency flashlights installed only
25-320-01	8	DIS	NOTE	NOTE	2-22 2-23 2-24		ALL NOTE	ALL	0.13	Discard the Emergency Flashlight Batteries AIRPLANE NOTE: Airplanes with emergency flashlight batteries installed only INTERVAL NOTE: Per manufacturer's recommendation
25-325-01	9	GVI	1 C	1 C	2-24		ALL	ALL	0.50	General Visual Inspection of the Emergency Exit Signs (Self Illuminating)
25-330-01	8	GVI	1 A	1 A	2-21 2-22		ALL	ALL	0.08	General Visual Inspection of the Heat Resistant Gloves "If Installed"
25-335-01	8	GVI	1 A	1 A	2-21 2-22		ALL	ALL	0.08	General Visual Inspection of the Chemical Resistant Gloves "If Installed"
25-340-01	8	GVI	1 A	1 A	2-21 2-22		ALL	ALL	0.08	General Visual Inspection of the Smoke Goggles
25-345-01	9	OPC	2 C	2 C	2-21 2-23 2-27		ALL	ALL	0.50	Operational Check of the Evacuation Signal System "If Installed"



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 26: Fire Protection
26-005-01	8	FNC	1 C	1 C	2-21 2-22 2-23 2-24		FRTR	ALL	0.20	Functional Check of the Vacuum System
26-005-02	8	FNC	1 C	1 C	2-21 2-22		COMB	ALL	0.20	Functional Check of the Vacuum System
26-010-01	8	OPC	2 A	2 A	2-21 2-22		ALL	ALL	2.00	Operational Check of the APU External Fire Detection System
26-015-01	8	OPC	1 C	1 C	2-21 2-22		ALL	ALL	0.50	Operational Check of the APU Fire Detection System to Check for Proper Mode of Operation
26-020-01	8	OPC	1 C	1 C	2-21 2-22		ALL	ALL	0.50	Operational Check of the APU Fire Detection System to Check the Auto Arm Mode
26-025-01	8	OPC	2 A	2 A	2-27 2-28		ALL	ALL	0.50	Operational Check of the Lavatory Smoke Detector
26-030-01	8	RST	1 C	1 C	2-25 2-27 2-28		ALL	ALL	0.50	Clean the Lavatory Smoke Detector Box, Fan, and Ducting Assembly
26-035-01	8	DIS	NOTE	NOTE	2-25 2-27 2-28		ALL	ALL	0.02	Discard the Lavatory Smoke Detector Battery INTERVAL NOTE: Per manufacturer's recommendation
26-040-01	9	FNC	1 C	1 C	2-38	3852 3853	ALL	ALL	0.50	Functional Check (Weigh Bottles) of the Engine Fire Extinguisher Bottle
26-045-01	9	FNC	NOTE	NOTE	2-38	3852 3853	ALL	ALL	1.50	Functional Check (Hydrostatic Test) of the Engine Fire Extinguisher Bottle INTERVAL NOTE: Interval to be determined by 49 CFR Part 180 requirements and/or vendor recommendations
26-050-01	9	VCK	1 A	1 A	2		ALL	ALL	0.25	Visual Check of the Engine Fire Extinguisher Bottle for Proper Pressure
26-055-01	8 9	OPC	2 C	2 C	2-38	3852 3853	ALL	ALL	0.50	Operational Check of the Engine Fire Extinguishing Discharge System to Check Firing Circuit Integrity
26-060-01	9	DIS	NOTE	NOTE	2-38	3852 3853	ALL	ALL	0.20	Discard the Engine Fire Bottle Squib INTERVAL NOTE: Per manufacturer's life limits



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
26-065-01	8	OPC	2 C	2 C	2-38	3852 3853	ALL	ALL	0.20	Operational Check of the Engine Fire Extinguishing System Manifold Double Check Valve for Freedom of Movement
26-070-01	8	GVI	2 C	2 C	2-38 4-51 4-52 4-53 4-54 4-55	3852 3853 5102 5103 5202 5203 5301 5302 5401 5402	ALL	ALL	0.20	General Visual Inspection of the Engine Fire Extinguishing Manifold
26-075-01	8	OPC	2 C	2 C	2-38	3852 3853	ALL	ALL	0.25	Operational Check of the Fire Extinguishing Discharge Engine Selector Control Valve
26-080-01	9	OPC	2 C	2 C	2-38	3852 3853	ALL	ALL	0.25	Operational Check of the Engine Fire Extinguishing Bottle Low Pressure System Switches and Lights
26-085-01	9	GVI	1 A	1 A	3-95		ALL	ALL	0.20	General Visual Inspection of the Engine Fire Bottle Thermal Relief Disc (Red)
26-090-01	9	GVI	1 A	1 A	3-95		ALL	ALL	0.20	General Visual Inspection of the Engine Fire Bottle Discharge Indication Discs (Yellow)
26-095-01	9	VCK	1 A	1 A	2		ALL	ALL	0.20	Visual Check of the Portable Halon Fire Extinguisher for Proper Pressure
26-100-01	9	FNC	1 C	1 C	2		ALL	ALL	0.20	Functional Check of the Portable Halon Extinguisher (Weight)
26-105-01	9	FNC	NOTE	NOTE	2		ALL	ALL	1.50	Functional Check (Hydrostatic Test) of the Portable Halon Fire Extinguisher INTERVAL NOTE: To be determined by 49 CFR Part 180 requirements and/or vendor recommendations
26-110-01	9	VCK	1 A	1 A	2		ALL	ALL	0.20	Visual Check of the Portable Water Fire Extinguisher Seal
26-115-01	9	RST	NOTE	NOTE	2		ALL	ALL	0.20	Restore the Portable Water Fire Extinguisher INTERVAL NOTE: Per manufacturer's recommendations
26-120-01	9	VCK	1 A	1 A	2		ALL	ALL	0.20	Visual Check of the Portable CO2 Fire Extinguishers Record Card, Lockwire, Seal, and Replace Disc Indicator

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
26-125-01	9	FNC	1 C	1 C	2		ALL	ALL	0.20	Functional Check of the Portable CO2 Fire Extinguisher (Weight)
26-130-01	9	VCK	1 A	1 A	2		ALL	ALL	0.20	Visual Check of the Portable Dry Chemical Fire Extinguisher Plastic (Usage) Indicators and Cylinder Pressure
26-135-01	9	GVI	1 A	1 A	2		ALL	ALL	0.20	General Visual Inspection of the Portable Water Fire Extinguishers Bracket
26-140-01	9	GVI	1 A	1 A	2		ALL	ALL	0.20	General Visual Inspection of the Portable Halon Fire Extinguishers Bracket
26-145-01	9	GVI	1 A	1 A	2		ALL NOTE	ALL	0.20	General Visual Inspection of the Portable CO2 Fire Extinguishers Bracket AIRPLANE NOTE: Airplanes with portable CO2 fire extinguishers installed only
26-150-01	9	GVI	1 A	1 A	2		ALL NOTE	ALL	0.20	General Visual Inspection of the Portable Dry Chemical Extinguishers Bracket AIRPLANE NOTE: Airplanes with portable dry chemical extinguishers installed only
26-155-01	9	DIS	NOTE	NOTE	2		ALL	ALL	0.20	Discard the Portable Water Fire Extinguisher Cartridge (CO2) INTERVAL NOTE: Per manufacturer's life limit
26-160-01	8	FNC	NOTE	NOTE	1-35		ALL	ALL	0.20	Functional Check (Hydrostatic Test) of the APU Fire Extinguisher Bottle INTERVAL NOTE: Interval to be determined by 49 CFR Part 180 requirements and/or vendor recommendations
26-165-01	8	FNC	1 C	1 C	1-35		ALL	ALL	0.20	Functional Check of the APU Fire Extinguisher Bottle (Weight)
26-170-01	8	OPC	2 C	2 C	1-35		ALL	ALL	0.20	Operational Check of the APU Fire Protection Agent Discharge System to Check Firing Circuit Integrity (Flight Compartment)
26-175-01	8	DIS	NOTE	NOTE	1-35		ALL	ALL	0.20	Discard the APU Fire Bottle Squib INTERVAL NOTE: Per manufacturer's life limit



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
26-180-01	8	OPC	2 C	2 C	1-35		ALL	ALL	0.20	Operational Check of APU Fire Protection Agent Discharge System to Check Firing Circuit Integrity (Ground Control Panel)
26-185-01	8	GVI	2 C	2 C	1-35		ALL	ALL	0.10	General Visual Inspection of the APU Fire Extinguisher Discharge Line
26-190-01	8	GVI	1 A	1 A	1-35		ALL	ALL	0.10	General Visual Inspection of the APU Fire Bottle Thermal Relief Disc
26-195-01	8	VCK	1 A	1 A	1-35		ALL	ALL	0.10	Visual Check of the APU Extinguisher Bottle Pressure Gage to Check for Proper Pressure
26-200-01	8	GVI	1 A	1 A	2-25 2-27 2-28		ALL	ALL	0.10	General Visual Inspection of the Lavatory Fire Extinguisher Fusible Nozzles
26-205-01	8	FNC	1 C	1 C	2-25 2-27 2-28		ALL	ALL	0.50	Functional Check (Weight) of the Lavatory Fire Extinguisher
26-210-01	8	DIS	NOTE	NOTE	2-25 2-27 2-28		ALL	ALL	0.20	Discard the Lavatory Fire Extinguisher INTERVAL NOTE: Per manufacturer's life limit
26-215-01	9	VCK	1 A	1 A	2-25 2-27 2-28		ALL NOTE	ALL	0.20	Visual Check of the Lavatory Temperature Indicator to Check for an Overheat Condition AIRPLANE NOTE: Airplanes with lavatory temperature indicator installed only
26-220-01	8	FNC	1 C	1 C	1-13	1502	ALL	ALL	0.50	Functional Check (Weight) of the Cargo Fire Extinguisher Bottle
26-225-01	8	FNC	NOTE	NOTE	1-13	1502	ALL	ALL	1.50	Functional Check (Hydrostatic Test) of the Cargo Fire Extinguisher Bottle INTERVAL NOTE: Interval to be determined by 49 CFR Part 180 requirements and/or manufacturer's recommendations
26-230-01	8	OPC	2 C	2 C	1-13	1502	ALL	ALL	0.00	Operational Check of the Cargo Compartment Fire Extinguishing Agent Discharge System to Check Firing Circuit Integrity



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
26-235-01	8	DIS	NOTE	NOTE	1-13	1502	ALL	ALL	0.00	Discard the Cargo Compartment Fire Extinguisher Bottle Squib INTERVAL NOTE: Per manufacturer's life limits
26-240-01	8	GVI	2 C	2 C	1-13	1502	ALL	ALL	0.20	General Visual Inspection of the Cargo Compartment Firex Bottle Discharge Head
26-245-01	8	GVI	2 C	2 C	1-13	1502	ALL	ALL	0.20	General Visual Inspection of the Cargo Compartment Firex Distribution Manifold (Forward Cargo)
26-250-01	8	GVI	2 C	2 C	1-13 1-15	1502 1503 1504	ALL	ALL	0.20	General Visual Inspection of the Cargo Compartment Firex Distribution Manifold (Aft Cargo)
26-255-01	8	GVI	2 C	2 C	1-13 1-15	1502 1503 1504	ALL	ALL	0.20	General Visual Inspection of the Cargo Compartment Firex Discharge Nozzle
26-260-01	8	OPC	2 C	2 C	1-13	1502	ALL	ALL	0.50	Operational Check of the Cargo Compartment Firex Bottle Low Pressure System and Indication



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 27: Flight Controls
27-005-01	6	LUB	2 A	2 A	5-81 6-88		ALL	ALL	0.30	Lubricate Inboard and Outboard Aileron System
27-010-01	6	DET	1 C	1 C	5-81 6-88		ALL	ALL	4.00	Detailed Inspection of the Aileron Control Cables/Pulleys (Exposed Areas)
27-015-01	6	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-35 1-36 2-24	1304 1305 1306 1307 1317 1318 1320 1321 1322 NOTE	ALL	ALL	8.00	Detailed Inspection of the Aileron Control Cables/Pulleys (Unexposed Areas) ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 870.
27-020-01	8	OPC	1 C	1 C	2-21 5-81 6-88	8145 8146 8845 8846	ALL	ALL	0.50	Operational Check of Aileron Control Disconnect System
27-025-01	8	LUB	1 C	1 C	5-81 5-83 6-86 6-88		ALL	ALL	0.50	Lubricate the Aileron Split Mechanism
27-030-01	6	DET	1 C	1 C	5-81 5-82 5-83 5-84 6-85 6-86 6-87 6-88		ALL	ALL	4.00	Detailed Inspection of the Aileron Trim Cables/Pulleys (Exposed Areas)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-035-01	6	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-35 1-36 2-24	1304 1305 1306 1307 1317 1318 1320 1321 1322 NOTE	ALL	ALL	8.00	Detailed Inspection of the Aileron Trim Cables/Pulleys (Unexposed Areas) ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 870.
27-040-01	6	DET	2 C	2 C	1-35 1-36		ALL	ALL	1.00	Detailed Inspection of Aileron Trim and Centering Mechanism
27-045-01	6	LUB	1 C	1 C	1-35 1-36		ALL	ALL	1.00	Lubricate the Aileron Trim Gearbox
27-050-01	6	DET	1 C	1 C	5-81 5-82 5-83 5-84 6-85 6-86 6-87 6-88		ALL	ALL	0.50	Detailed Inspection of the Aileron Bus Cables (Exposed Areas)
27-055-01	6	OPC	1 C	1 C	1-35		ALL	ALL	0.60	Operational Check of the Aileron Manual Reversion System
27-060-01	9	OPC	1 C	1 C	1-35		ALL	ALL	0.50	Operational Check of the Aileron Hydraulic Supply Shutoff System
27-065-01	6	LUB	2 A	2 A	3-98 3-99		ALL	ALL	0.50	Lubricate the Upper/Lower Rudder Assembly



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-070-01	6	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-15 1-74 2-24 2-37 2-38 3-95	1304 1306 1318 1523 1525 1526 1528 3752 3756 3856 9504 NOTE	ALL	ALL	6.00	Detailed Inspection of the Rudder Trim Cables ACCESS NOTE: Access through passenger cabin center floor panel between Station 870 and Station 850. Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 870.
27-075-01	6	LUB	2 A	2 A	3-95	9509	ALL	ALL	0.50	Lubricate the Fittings on the Rudder Trim Actuator
27-080-01	6	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-15 1-74 2-24 2-37 2-38 3-95	1304 1306 1318 3120 3121 3752 3756 3852 3856 9504 NOTE	ALL	ALL	6.00	Detailed Inspection of the Rudder Control Cables/Pulleys ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 950.
27-085-01	6	LUB	2 A	2 A	3-95	9513	ALL	ALL	0.50	Lubricate All Fittings on the Upper Rudder Control Power Package
27-090-01	6	LUB	2 A	2 A	3-95	9509	ALL	ALL	1.00	Lubricate All Fittings on the Lower Rudder Control Power Package
27-095-01	6	LUB	2 A	2 A	3-95	9509 9513	ALL	ALL	0.50	Lubricate the Fittings on the Rudder Power Unit Assemblies
27-100-01	9	LUB	2 A	2 A	3-95	9506	ALL	ALL	0.50	Lubricate All Fittings on the Standby Rudder Control Power Package
27-105-01	9	OPC	1 C	1 C	3-95	9506	ALL	ALL	0.50	Operational Check of the Lower Rudder Standby System
27-110-01	9	LUB	2 A	2 A	3-95 3-99	9506	ALL	ALL	0.50	Lubricate the Lower Rudder Standby Actuator Fittings



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-115-01	9	OPC	1 C	1 C	2-37		ALL	ALL	0.50	Operational Check of the Rudder Hydraulic Shutoff System
27-120-01	6	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-15 1-74 2-24 2-37 2-38 3-95 3-97	1304 1306 1308 1523 1525 1526 1528 1530 3120 3121 3752 3756 3852 3856 9504 9705 9707 9710 9711 NOTE	ALL	ALL	2.00	Detailed Inspection of the Elevator Control Cables/Pulleys ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 950.
27-130-01	6	LUB	2 A	2 A	3-93 3-94		ALL	ALL	0.50	Lubricate All Fittings on the Elevator Assembly
27-135-01	9	OPC	1 C	1 C	2-21 3-93 3-94		ALL	ALL	1.00	Operational Check of the Elevator Hydraulic Supply Shutoff Valve and Manual Reversion Operation
27-140-01	9	OPC	1 C	1 C	3-96		ALL	ALL	0.50	Operational Check of the Horizontal Stabilizer Electrical Control System One Switch per Wheel at a Time



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-145-01	6	DET	3 C	3 C	1-11	1304	ALL	ALL	1.00	Detailed Inspection on the Horizontal Stabilizer Cables/Pulleys ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 950.
					1-12	1306				
					1-13	1308				
					1-14	1523				
					1-15	1525				
					1-74	1526				
					2-24	1528				
					2-37	1530				
					2-38	3120				
					3-95	3121				
					3-97	3752				
						3756				
						3852				
						3856				
						9504				
	9705									
	9707									
	9710									
	9711									
	NOTE									
27-150-01	6	LUB	1 C	1 C	1-11		ALL	ALL	0.50	Lubricate the Horizontal Stabilizer Drive Chain
27-155-01	8	LUB	2 A	2 A	3-96	9603 9607	ALL	ALL	0.50	Lubricate the Horizontal Stabilizer Jackscrew and Nut Assembly
27-160-01	8	RST	16000 FH	16000 FH	3-96	9601 9608	ALL	ALL	6.00	Restore the Horizontal Stabilizer Jackscrew and Nut
27-165-01	8	DET	2 C	2 C	3-96	9601 9602 9603 9604 9605 9606 9607 9608	ALL	ALL	0.50	Detailed Inspection on the Horizontal Stabilizer Jackscrew and Nut Assembly for End Play



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-170-01	8	LUB	2 A	2 A	3-96	9603 9604 9607 9608	ALL NOTE	ALL	0.20	Lubricate the Horizontal Stabilizer Jackscrew Reservoir AIRPLANE NOTE: Airplanes with Horizontal Stabilizer Jackscrew Reservoir installed only.
27-175-01	8	SVC	2 A	2 A	3-96	9603 9607	ALL	ALL	1.00	Service the Horizontal Stabilizer Gearbox (If Drain Plug Installed)
27-180-01	8	DET	4 C	4 C	1-11 2-21		ALL	ALL	0.30	Detailed Inspection of the Horizontal Stabilizer Control Stand Mechanism
27-185-01	9	OPC	3 C	3 C	3-96	9603 9605 9607	ALL	ALL	0.50	Operational Check of the Stabilizer Trim Brake (Manual Mode)
27-190-01	6	LUB	4 C	4 C	1-35 1-36 5-82 5-84 6-85 6-87		ALL	ALL	1.00	Lubricate the Splines on the Flap Torque Tubes
27-195-01	6	LUB	2 C	2 C	1-35 1-36		ALL	ALL	0.50	Lubricate All Flap Angle Gearboxes
27-200-01	6	LUB	2 C	2 C	6-86		ALL	ALL	0.50	Lubricate All Flap Offset Gearboxes
27-205-01	6	LUB	2 C	2 C	1-35 1-36		ALL	ALL	0.50	Lubricate All Flap Drive Reversing Gearboxes
27-210-01	6	SVC	1 C	1 C	1-35 1-36 5-82 5-84 6-85 6-87		ALL	ALL	1.00	Service All Flap Transmission Assemblies
27-215-01	6	LUB	1 C	1 C	1-35 1-36 5-82 5-84 6-85 6-87		ALL	ALL	0.50	Lubricate All Flap Tracks



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-220-01	6	LUB	1 C	1 C	1-35 1-36 5-82 5-84 6-85 6-87		ALL	ALL	1.00	Lubricate All Fittings on All Flaps
27-225-01	6	LUB	4 A	4 A	1-35 1-36 5-82 5-84 6-85 6-87		ALL	ALL	1.00	Lubricate Aft Flap Roller (Eccentric) Bearings
27-230-01	6	DET	1 C	1 C	5-81 5-82 5-83 5-84 6-85 6-86 6-87 6-88		ALL	ALL	4.00	Detailed Inspection of the Flap Control Cables/Pulleys (Exposed Areas)
27-235-01	6	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-35 1-36 2-24	1304 1305 1306 1307 1317 1318 1320 1321 1322 NOTE	ALL	ALL	1.00	Detailed Inspection of the Flap Control Cables/Pulleys (Unexposed Areas) ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 870.
27-240-01	6	DET	1 C	1 C	5-82 5-84 6-85 6-87		ALL	ALL	1.00	Detailed Inspection of the Mid Flap Cables/Pulleys



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-245-01	6	LUB	1 C	1 C	5-82 5-84 6-85 6-87		ALL	ALL	0.50	Lubricate All Flap Ball Screws
27-250-01	6	FNC	5 C	5 C	5-82 5-84 6-85 6-87		ALL	ALL	1.00	Functional Check of the Flap Ball Screws for Backlash (Freeplay)
27-255-01	8	OPC	1 C	1 C	5-82 5-84 6-85 6-87		ALL	ALL	1.00	Operational Check of the Flap Asymmetry System
27-260-01	9	OPC	2 C	2 C	1-35 1-36		ALL	ALL	0.50	Operational Check of the Alternate Flap System
27-265-01	6	DET	1 C	1 C	5-81 5-82 5-83 5-84 6-85 6-86 6-87 6-88		ALL	ALL	0.50	Detailed Inspection of the Spoiler Control Cables/Pulleys (Exposed Areas)
27-270-01	6	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-35 1-36 2-24	1304 1305 1306 1307 1317 1318 1320 1321 1322 NOTE	ALL	ALL	8.00	Detailed Inspection of the Spoiler Control Cables/Pulleys (Unexposed Areas) ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 870.
27-285-01	9	OPC	3 C	3 C	5-72 6-76		ALL	ALL	0.20	Operational Check of the Spoiler Control System for Fair
27-290-01	9	LUB	1 C	1 C	1-35		ALL	ALL	0.20	Lubricate Spoiler Ratio Changer



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-295-01	8	OPC	3 C	3 C	2-21 2-22 5-72 6-76		ALL	ALL	0.20	Operational Check of the Spoiler Backup (Override) Cable/Pulleys
27-300-01	8	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-35 1-36 2-24	1304 1305 1306 1307 1317 1318 1320 1321 1322 NOTE	ALL	ALL	8.00	Detailed Inspection of the Spoilers Lost Motion Device Auxiliary Control Cables/Pulleys ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 870.
27-305-01	6	LUB	1 C	1 C	5-82 5-84 6-85 6-87		ALL	ALL	1.00	Lubricate the Flight Spoiler Actuators
27-310-01	6	LUB	1 C	1 C	5-83 5-84 6-85 6-86	NOTE	ALL	ALL	1.00	Lubricate the Ground Spoiler Actuators ACCESS NOTE: Extend flaps and raise ground spoilers.
27-315-01	6	OPC	1 C	1 C	5-81 5-82 5-83 5-84 6-85 6-86 6-87 6-88		ALL	ALL	0.50	Operational Check of the Spoiler Lockout Unlocking Function



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
27-320-01	6 9	DET	1 C	1 C	1-35 1-36 5-82 5-83 5-84 6-85 6-86 6-87		ALL	ALL	4.00	Detailed Inspection of the Speed Brake Control Cables/Pulleys (Exposed Areas)
27-325-01	6 9	DET	3 C	3 C	1-11 1-12 1-13 1-14 1-35 1-36 2-24	1304 1305 1306 1307 1317 1318 1320 1321 1322 NOTE	ALL	ALL	4.00	Detailed Inspection of the Speed Brake Control Cables/Pulleys (Unexposed Areas) ACCESS NOTE: Access also through passenger cabin center floor panels and panels between left seat tracks from Station 720D to Station 870.
27-340-01	9	OPC	2 C	2 C	5-62 5-63 6-64 6-65		ALL	ALL	0.50	Operational Check to Verify the Leading Edge Flap and Slat Locking Mechanisms Engage
27-345-01	8	OPC	1 C	1 C	5-62 5-63 6-64 6-65		ALL	ALL	0.50	Operational Check of the Leading Edge Standby Hydraulic System to Extend the Leading Edge Flaps and Slats
27-355-01	6	LUB	1 C	1 C	5-63 6-64	NOTE	ALL	ALL	0.80	Lubricate All Fittings on All Leading Edge Slats ACCESS NOTE: Extend slats.
27-360-01	6	GVI	4 C	4 C	5-62 5-63 6-64 6-65	NOTE	ALL	ALL	0.10	General Visual Inspection of All Leading Edge Pushrods ACCESS NOTE: Open main wheel well door and extend flaps/slats.
27-365-01	6	GVI	4 C	4 C	1-36	3606	ALL	ALL	0.10	General Visual Inspection of the Leading Edge Input Crank



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
			THRES.	REPEAT			APL	ENG		
										TASK DESCRIPTION
27-370-01	6	GVI	4 C	4 C	5-63 6-64	NOTE	ALL	ALL	0.40	General Visual Inspection of All Upper/Lower Leading Edge Flap Nose Rods ACCESS NOTE: Extend flaps.
27-380-01	6	GVI	4 C	4 C	5-63 6-64		ALL	ALL	0.30	General Visual Inspection of the Leading Edge Flap Differential Bars



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 28: Fuel
28-005-01	9	DET	5 C	5 C	5-72 6-76	7202 7205 7206 7208	ALL	ALL	0.20	Detailed Inspection of the Fuel Tank Baffle Check Valves
28-006-01	9	FNC	5 C	5 C	5-72 6-76	7209 7609	ALL	ALL	0.40	Functionally check (resistance measurement) the bonding between the overwing filler and the structure. (SFAR 88)
28-007-01	9	FNC	5 C	5 C	6-76	7202 7602	ALL	ALL	0.40	Functionally check (resistance measurement) the bonding between the hydraulic tube spar penetration and the structure. (SFAR 88)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-008-01	9	DET	5 C	5 C	1-14 1-32 5-73 6-75	7101 7102 7201 7202 7203 7204 7205 7206 7207 7208 7209 7210 7211 7212 7213 7214 7215 7216 7217 7218 7301 7302 7303 7304 7305 7340 7501 7502 7503 7504 7505 7540 7601 7602 7603 7604 7605 NOTE	ALL	ALL	6.00	<p>Inspect (detailed) the in-tank tubing and equipment static ground straps and clamps for condition, security and other degradation. (SFAR 88)</p> <p>ACCESS NOTE: Auxiliary fuel tank access panel as shown in 727 AMM Section 28-41-11.</p> <p>Additional access panels:</p> <p>7606 7607 7608 7609 7610 7611 7612 7613 7614 7615 7616 7617 7618 7701 7702</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-009-01	9	FNC	5 C	5 C	5-71 6-77	7103 7703	ALL	ALL	0.30	Functionally check (resistance measurement) the bonding resistance between the vent lower duct and vent door structure. (SFAR 88)
28-010-01	9	FNC	5 C	5 C	5-71 6-77	7102 7702	ALL	ALL	0.30	Functionally check (resistance measurement) the bonding resistance between the pressure relief valve and the structure. (SFAR 88)
28-011-01	9	FNC	5 C	5 C	5-72 6-76	6254 6554 7540	ALL	ALL	0.40	Functionally check (resistance measurement) the bonding of the fueling shutoff valve(s) housing ground strap(s) outside of the fuel tank. (SFAR 88)
28-012-01	9	FNC	5 C	5 C	1-14 1-32 5-72 6-75 6-76	7209 7503 7504 7609	ALL	ALL	0.40	Functionally check (resistance measurement) the tank float switch fault current bonding. (SFAR 88)
28-013-01	9	FNC	5 C	5 C	6-65	6520	ALL	ALL	0.40	Functionally check (resistance measurement) the bonding between the fueling receptacle and the structure to ensure it is within in-service limits. (SFAR 88)
28-015-01	7	FNC	3 C	3 C	4-54 4-55	5402 5502	ALL	ALL	0.20	Functional Check (Pressure) of the Forward Fuel Feed Lines (Flexible)
28-025-01	7	FNC	3 C	3 C	2-37 2-38 4-54 4-55	3752 3753 3852 3853 5402 5502	ALL	ALL	0.20	Functional Check (Pressure) of the Main Fuel Feed Lines (Flexible)
28-035-01	7	FNC	3 C	3 C	2-37 2-38 4-54 4-55	3752 3753 3852 3853 5402 5502	ALL	ALL	0.20	Functional Check (Pressure) the Aft Fuel Feed Line Assembly



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-040-01	7	DET	1 C	1 C	2-37 2-38 4-54 4-55	3752 3753 3852 3853 5402 5502	ALL	ALL	1.00	Detailed Inspection of the Engine Fuel Feed Hose (Strut to Engine)
28-050-01	9	FNC	5 C	5 C	2-21 2-22 4-51 4-53		ALL	ALL	0.40	Functional Check of the Thermal Pressure Relief Valve
28-055-01	8	DET	5 C	5 C	2-37 2-38 2-39 4-51 4-53	3753 3754 3853 3854 3905	ALL	ALL	0.70	Detailed Inspection of the Flame Arrestors
28-060-01	8	FNC	2 C	2 C	2-37 2-38	3752 3753 3852 3853 3855 3856	ALL	ALL	2.50	Functional Check of the Fuel Shroud and Cavity Drain System
28-061-01	9	FNC	5 C	5 C	5-72 5-73 6-75 6-76	7201 7203 7301 7302 7501 7502 7601 7603	ALL	ALL	0.30	Functionally Check (measure bonding resistance) the pump housing static bond to structure. (SFAR 88)
28-062-01	9	FNC	5 C	5 C	5-72 5-73 6-75 6-76	7202 7305 7340 7504 7540 7602	ALL	ALL	0.40	Functionally Check (resistance measurement) the Boost pump bonding strap(s). (SFAR 88)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-063-01	9	FNC	5 C	5 C	5-73 6-75	7303 7304 7340 7504 7505 7540	ALL	ALL	1.00	Functionally Check (resistance measurement) the motor operated valve installation fay bond and bonding jumper to structure. (SFAR 88)
28-064-01	8	DET	30000 HR	30000 HR	5-72 6-76	7202 7305 7340 7504 7540 7602	ALL	ALL	5.00	Inspect (detailed) the fuel boost pump in conduit Teflon sleeve and wiring. (SFAR 88)
28-065-01	8	OPC	1 A	1 A	2-37 2-38	3752 3753 3853 3856	ALL	ALL	0.30	Operational Check of the Fuel Cavity/Shroud Drain Valve to Check for Presence of Fuel
28-066-01	9	FNC	5 C	5 C	5-73	7340	ALL	ALL	0.30	Functionally check (resistance measurement) the bonding between the APU fuel shutoff valve and the structure outside the fuel tank. (SFAR 88)
28-070-01	9	OPC	1 C	1 C	2-21		ALL	ALL	0.30	Operational Check of the Engine Fuel Suction Feed System
28-075-01	9	OPC	2 C	2 C	2-21 2-22		ALL	ALL	0.40	Operational Check of the Fuel Jettison System
28-076-01	9	FNC	5 C	5 C	5-61 6-66	8110 8111 8112 8810 8811 8812	ALL	ALL	0.40	Functionally check (resistance measurement) the Dump nozzle valve fault current bonds. (SFAR 88)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-077-01	9	FNC	5 C	5 C	5-61	7202	ALL	ALL	1.50	Functionally check (resistance measurement) the Dump nozzle valve, fuel tank dump valves, and fuel dump control pilot valves to ensure it is within in-service limits. (SFAR 88)
					5-72	7206				
					5-73	7304				
					6-66	7305				
					6-75	7340				
					6-76	7504				
						7505				
						7540				
						7602				
						7604				
						8110				
						8111				
						8112				
28-080-01	6	FNC	1 C	1 C	2-21		ALL	ALL	1.00	Functional Check of the Fuel Quantity Indication System (Analog)
					2-22					
					2-23					



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-086-01	8	DET	5 C	5 C	1-14 1-32 5-73 6-75	7101 7102 7201 7202 7203 7204 7205 7206 7207 7208 7209 7210 7211 7212 7213 7214 7215 7216 7217 7218 7301 7302 7303 7304 7305 7340 7501 7502 7503 7504 7505 7540 7601 7602 7604 7605 NOTE	ALL	ALL	6.00	<p>Inspect (detailed) in-tank FQIS wire harnesses support for damage, adequate separation with structure and proper security. (SFAR 88)</p> <p>ACCESS NOTE: Auxiliary fuel tank access panel as shown in 727 AMM Section 28-41-11.</p> <p>Additional access panels:</p> <p>7606 7607 7608 7609 7610 7611 7612 7613 7614 7615 7616 7617 7618 7701 7702</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-087-01	8	DET	5 C	5 C	1-14 1-32 5-73 6-75	7101 7102 7201 7202 7203 7204 7205 7206 7207 7208 7209 7210 7211 7212 7213 7214 7215 7216 7217 7218 7301 7302 7303 7304 7305 7340 7501 7502 7503 7504 7505 7540 7601 7602 7604 7605 NOTE	ALL	ALL	6.00	Inspect (detailed) in-tank FQIS components for chafing, rubbing, adequate separation with structure and condition for security. (SFAR 88) ACCESS NOTE: Auxiliary fuel tank access panel as shown in 727 AMM Section 28-41-11. Additional access panels: 7606 7607 7608 7609 7610 7611 7612 7613 7614 7615 7616 7617 7618 7701 7702
28-090-01	9	FNC	1 C	1 C	2-22		ALL	ALL	0.10	Functional Check of the Fuel Temperature Indication System



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-096-01	8	DET	5 C	5 C	1-14 1-32 5-73 6-75	7101 7102 7201 7202 7203 7204 7205 7206 7207 7208 7209 7210 7211 7212 7213 7214 7215 7216 7217 7218 7301 7302 7303 7304 7305 7340 7501 7502 7503 7504 7505 7540 7601 7602 7604 7605 NOTE	ALL	ALL	6.00	Inspect (detailed) in-tank FQIS wire harnesses support for damage, adequate separation with structure and proper security. (SFAR 88) ACCESS NOTE: Auxiliary fuel tank access panel as shown in 727 AMM Section 28-41-11. Additional access panels: 7606 7607 7608 7609 7610 7611 7612 7613 7614 7615 7616 7617 7618 7701 7702



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
28-097-01	8	DET	5 C	5 C	1-14 1-32 5-73 6-75	7101 7102 7201 7202 7203 7204 7205 7206 7207 7208 7209 7210 7211 7212 7213 7214 7215 7216 7217 7218 7301 7302 7303 7304 7305 7340 7501 7502 7503 7504 7505 7540 7601 7602 7603 7604 7605 NOTE	ALL	ALL	6.00	Inspect (detailed) in-tank FQIS components for chafing, rubbing, adequate separation with structure and condition for security. (SFAR 88) ACCESS NOTE: Auxiliary fuel tank access panel as shown in 727 AMM Section 28-41-11. Additional access panels: 7606 7607 7608 7609 7610 7611 7612 7613 7614 7615 7616 7617 7618 7701 7702



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 29: Hydraulic Power
29-005-01	6	FNC	4 C	4 C	2-23 2-37	3752	ALL	ALL	0.60	Functional Check of the Hydraulic System "A" for Internal Leakage
29-010-01	6	DIS	4 C	4 C	2-37	3753	ALL	ALL	0.20	Discard the Air Pressure Vent Filter
29-015-01	6	DET	1 A	1 A	1-35 2-37 4-51 4-52 4-53	3506 3752 5213	ALL NOTE	ALL	0.60	Detailed Inspection of the Delta-P Indication for "A" and "B" System Hydraulic Filters AIRPLANE NOTE: Airplanes with Delta-P indication installed only.
29-020-01	6	DIS	2 C	2 C	1-35 2-37 4-51 4-52 4-53	3506 3752 5213	ALL	ALL	1.50	Discard the Hydraulic System Filters (Systems Without Delta P Indication)
29-025-01	6	FNC	4 C	4 C	1-35 2-23	3501 3502	ALL	ALL	0.60	Functional Check of the Hydraulic System "B" for Internal Leakage
29-030-01	6	FNC	4 C	4 C	2-23 2-37	3753	ALL	ALL	0.60	Functional Check of the Hydraulic Standby System for Internal Leakage
29-035-01	6	DET	1 A	1 A	2-37	3753	ALL	ALL	0.40	Detailed Inspection of the Delta-P Indication for the Standby System Hydraulic Filters
29-040-01	6	DIS	2 C	2 C	2-37	3753	ALL	ALL	1.20	Discard the Standby Hydraulic System Filters (Systems Without Delta-P Indication)
29-045-01	6	RST	2 C	2 C	2-37	3753	ALL	ALL	0.20	Clean the Hydraulic Reservoir Air Pressure Filter
29-050-01	6	VCK	1 A	1 A	1-35 2-39	3507 3901	ALL	ALL	0.60	Visual Check of the System "A" and "B" Hydraulic Accumulators for Proper Pressure
29-055-01	8	OPC	1 C	1 C	1-35	3506	ALL NOTE	ALL	0.40	Operational Check of the Pump Ground Fault Protection Controller AIRPLANE NOTE: For ABEX pumps only
29-060-01	8	OPC	1 C	1 C	1-36 2-23	3606	ALL	ALL	0.20	Operational Check of Ground Interconnect Valve to Check the Full Open and Close Position
29-065-01	9	FNC	3 C	3 C	1-35 2-37	3506 3753	ALL	ALL	1.20	Functional Check of the Hydraulic Overheat Switch



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
29-070-01	9	VCK	1 C	1 C	1-35 2-22 2-37	3501 3502 3752	ALL	ALL	0.10	Visual Check Between Cockpit Indication and Reservoir Level to Check for Accuracy ("A" and "B" Systems)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 30: Ice & Rain Protection
30-005-01	9	FNC	2 C	2 C	2-21 2-22		ALL NOTE	ALL	0.50	Functional Check of the Tail Thermal Anti-Ice Duct Overheat System AIRPLANE NOTE: Airplanes with tail thermal anti-ice duct overheat system installed only
30-010-01	9	FNC	2 C	2 C	2-21 2-22		ALL	ALL	0.50	Functional Check of the Duct Overheat Indication System and Alerts
30-015-01	9	FNC	2 C	2 C	2-21 2-23		ALL NOTE	ALL	0.50	Functional Check of the Airfoil Anti-Ice System Auto Trip Mode and Alerts AIRPLANE NOTE: Airplanes with Airfoil Anti-Ice System installed only.
30-020-01	9	VCK	1 C	1 C	4-51 4-52 4-53		ALL NOTE	ALL	1.00	Visual Check of the Thermostatic Control Valve Failure Indicator AIRPLANE NOTE: Airplanes with thermostatic control valve failure indicator installed only
30-025-01	9	FNC	1 C	1 C	4-52		200	ALL	1.00	Functional Check of the Number 2 Engine Anti-Ice Duct Overheat Indication System and Alert



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 31: Indicating / Recording System
31-005-01	8	OPC	1 A	1 A	1-31 1-36 2-22 3-96 3-97	3606 9701	ALL	ALL	3.00	Operational Check of the Take-Off Warning System (Engines Not Running)
31-010-01	8	FNC	1 C	1 C	2-22		ALL	ALL	1.60	Functional Check of the Aural Warning System
31-015-01	8	OPC	1 C	1 C	2-21 2-22		ALL	ALL	0.70	Operational Check of the Landing Gear Warning System
31-020-01	9	FNC	1 YR	1 YR	2-22	NOTE	ALL NOTE	ALL	1.60	Functional Check of All Required Flight Recorder Parameters for Accuracy AIRPLANE NOTE: Recording of parameters and tolerances specified by 14 CFR, Part 121 Appendix B or local regulatory requirements must be verified. ACCESS NOTE: P5 panel
31-025-01	9	DIS	NOTE	NOTE	2-38	3856	ALL	ALL	0.50	Discard and Functional Check the Flight Data Recorder Underwater Locator Beacon (ULB) Battery INTERVAL NOTE: Discard per manufacturer's recommended life limits



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 32: Landing Gear
32-005-01	5	LUB	2 A	2 A	1-35 1-36		ALL	ALL	0.30	Lubricate all Fittings on the Main Landing Gear Assembly
32-010-01	5	GVI	1 C	1 C	1-35 1-36	NOTE	ALL	ALL	0.30	General Visual Inspection of the Main Landing Gear Assembly ACCESS NOTE: MLG wheel well, open the doors.
32-015-01	6	LUB	2 A	2 A	1-35 1-36	3506 3507 3606 3607	ALL	ALL	0.30	Lubricate all Fittings on Main Landing Gear Doors
32-020-01	5	LUB	2 A	2 A	1-31		ALL	ALL	0.30	Lubricate all Fittings on Nose Landing Gear Assembly
32-025-01	5	GVI	1 C	1 C	1-31	NOTE	ALL	ALL	0.30	General Visual Inspection of the Nose Landing Gear Assembly ACCESS NOTE: NLG wheel well, open the doors.
32-030-01	6	LUB	2 A	2 A	1-31	3101 3102 3103 3104	ALL	ALL	0.30	Lubricate all Fittings on Nose Landing Gear Doors and Mechanisms
32-035-01	6	DET	3 C	3 C	1-31	3101 3102 3103 3104	ALL	ALL	0.30	Detailed Inspection of Nose Landing Gear Cables/Pulleys
32-040-01	6	DET	1 C	1 C	1-11 1-31 1-35 1-36	1103 3101 3102 3103 3104	ALL	ALL	0.40	Detailed Inspection of the Landing Gear Control Cables/Pulleys (Exposed Areas)
32-045-01	6	DET	3 C	3 C	1-11 1-31 2-24	1103 3101 3102 3103 3104	ALL	ALL	0.50	Detailed Inspection of the Landing Gear Control Cables/Pulleys (Unexposed Areas)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
32-050-01	8	OPC	1 C	1 C	1-35 1-36 2-21 2-22		ALL	ALL	0.20	Operational Check of the Landing Gear Control Lever Lock System
32-055-01	6	LUB	2 A	2 A	1-35 1-36		ALL	ALL	0.30	Lubricate all Fittings on Main Gear Extension and Retraction System
32-060-01	6	GVI	2 C	2 C	1-35 1-36	NOTE	ALL	ALL	0.20	General Visual Inspection of Main Gear Up Lock Mechanism ACCESS NOTE: MLG wheel well
32-065-01	8	GVI	2 C	2 C	1-35 1-36		ALL	ALL	0.10	General Visual Inspection of Main Gear Down Lock Spring Bungee
32-070-01	6	LUB	2 A	2 A	1-31		ALL	ALL	0.30	Lubricate All Fittings on Nose Gear Extension and Retraction System
32-075-01	8	GVI	2 C	2 C	1-31		ALL	ALL	0.20	General Visual Inspection of Nose Gear Down Lock Spring Bungee
32-080-01	8	OPC	2 C	2 C	2-21 2-22	2304 2307	ALL NOTE	ALL	0.90	Operational Check of Manual Extension System AIRPLANE NOTE: Airplane on jacks
32-085-01	8	DET	1 C	1 C	1-35 1-36	3506 3507	ALL	ALL	1.00	Detailed Inspection of the Manual Extension Cable/Pulleys (Exposed Areas)
32-090-01	8	DET	3 C	3 C	2-21 2-22 2-24	2302 2304 2307	ALL	ALL	1.30	Detailed Inspection of the Manual Extension Cable/Pulley (Unexposed Areas)
32-095-01	6	VCK	2 A	2 A	1-35	3506	ALL	ALL	0.40	Visual Check of the Brake Accumulator for Proper Pressure
32-100-01	6	DET	1 C	1 C	1-35 1-36	3506 3507 3606 3607	ALL	ALL	0.60	Detailed Inspection of the Brake Cable/Pulleys (Exposed Areas)
32-105-01	6	DET	3 C	3 C	1-11 1-31 2-24	3125	ALL	ALL	0.90	Detailed Inspection of the Brake Cable/Pulleys (Unexposed Areas)
32-110-01	6	FNC	48 HRS	48 HRS	1-31 1-35 1-36		ALL	ALL	0.20	Functional Check of Brake Wear Indicator



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
32-115-01	6	FNC	1 C	1 C	1-31	3101 3102 3103 3104	ALL NOTE	ALL	1.00	Functional Check of the Nose Landing Gear Brake System AIRPLANE NOTE: Airplanes with nose landing gear brake system installed only
32-120-01	6	GVI	1 C	1 C	1-31		ALL	ALL	0.30	General Visual Inspection of Nose Brake Snubber
32-125-01	9	OPC	2 C	2 C	1-31 1-35	3102 3506	ALL	ALL	0.80	Operational Check of the Antiskid Control Valve
32-130-01	8	OPC	2 C	2 C	1-31 1-35	3102 3506	ALL	ALL	0.30	Operational Check of Pneumatic Brake System
32-135-01	8	FNC	NOTE	NOTE	1-31 2-22	3104 NOTE	ALL	ALL	0.20	Functional Check (Hydrostatic Test) of Pneumatic Brake Bottle INTERVAL NOTE: Interval to be determined by 49 CFR Part 180 requirements and/or manufacturer's recommendations ACCESS NOTE: P4 panel
32-140-01	8	FNC	2 C	2 C	1-35	3506	ALL	ALL	0.30	Functional Check of Parking Brake System to Hold Pressure with Airplane System Off
32-145-01	9	SVC	48 HRS	48 HRS	1-35 1-36		ALL	ALL	0.80	Service the Main Landing Gear Tires
32-155-01	9	SVC	48 HRS	48 HRS	1-35 1-36		ALL	ALL	0.60	Service the Nose Landing Gear Tires
32-165-01	8	SDI	NOTE	NOTE	1-35 1-36		ALL	ALL	0.80	Special Detailed Inspection of Main Landing Gear Wheel Assembly INTERVAL NOTE: Per manufacturer's specifications
32-170-01	8	SDI	NOTE	NOTE	1-31		ALL	ALL	0.40	Special Detailed Inspection of the Nose Landing Gear Wheel Assembly INTERVAL NOTE: Per manufacturer's specifications
32-175-01	6	DET	1 C	1 C	1-31	3101 3102 3103 3104	ALL	ALL	0.70	Detailed Inspection of Nose Wheel Steering Cables/Pulleys and Rudder Pedal Steering Cables/Pulleys (Exposed Areas)
32-180-01	6	DET	3 C	3 C	1-31	3101 3102 3103 3104	ALL	ALL	0.70	Detailed Inspection of Nose Wheel Steering Cables/Pulleys and Rudder Pedal Steering Cables/Pulleys (Unexposed Areas)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
32-185-01	6	LUB	2 A	2 A	1-31		ALL	ALL	0.30	Lubricate All Fittings on Nose Wheel Steering Actuator
32-200-01	8	OPC	2 C	2 C	1-36	3606	ALL	ALL	0.20	Operational Check of the Nose Wheel Steering Ground Interconnect
32-205-01	8	OPC	2 C	2 C	1-31	3101 3103	ALL NOTE	ALL	1.00	Operational Check of the Nose Wheel Steering Null Metering Pin AIRPLANE NOTE: Airplanes with nose wheel steering null metering pin installed only
32-210-01	9	VCK	1 C	1 C	1-31 1-33 1-34 1-35 1-36 2-24	3126 3350 3450	ALL	ALL	0.10	Clean and Visual Check Landing Gear Visual Indications



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 33: Lights
33-005-01	8	OPC	1 A	1 A	1-31 2-21 2-22		ALL	ALL	0.50	Operational Check of the Nose Wheel Well Lights Using Pilot Overhead Panel Master Switch
33-010-01	9	OPC	1 A	1 A	6-66		ALL	ALL	0.20	Operational Check of Tail Oscillating Lights "If Installed"
33-015-01	9	OPC	1 A	1 A	2-21 2-22		ALL	ALL	0.20	Operational Check of Upper and Lower Beacon Lights
33-020-01	9	OPC	1 A	1 A	5-61 6-66		ALL	ALL	0.50	Operational Check of Position Lights
33-025-01	9	DET	1 C	1 C	5-61 6-66		ALL	ALL	0.20	Detailed Inspection of the Position Light Lenses for Clarity
33-030-01	8	OPC	1 A	1 A	2-21 2-22 2-24		ALL	ALL	0.30	Operational Check of the Emergency Lighting System
33-035-01	8	RST	1 YR	1 YR	2-24		ALL	ALL	0.50	Restoration of the Emergency Lighting Battery Pack



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 34: Navigation
34-005-01	6	VCK	1 C	1 C	1-12	1202	ALL	ALL	0.20	Visual Check of the Pitot Pressure Plumbing for Accumulated Water
34-010-01	6	FNC	1 C	1 C	1-11		ALL	ALL	0.20	Functional Check of the Pitot Pressure System for Leakage (High Altitude)
34-015-01	6	VCK	1 C	1 C	1-12	1202	ALL	ALL	0.20	Visual Check of the Static Pressure Plumbing for Accumulated Water
34-020-01	6	FNC	1 C	1 C	2-21 2-23		ALL	ALL	0.50	Functional Check of the Static Pressure System for Leakage (High Altitude)
34-025-01	6	DET	3 C	3 C	2-21 2-22	NOTE	ALL	ALL	0.30	Detailed Inspection of the Pitot Static System Flexible Tubing ACCESS NOTE: Access via pilot and co-pilot instrument panels
34-030-01	9	GVI	1 C	1 C	2-22		ALL	ALL	0.10	General Visual Inspection of the Auxiliary Static Ports
34-035-01	9	VCK	1 C	1 C	2-22		ALL	ALL	0.20	Visual Check of the Auxiliary Static Port Plumbing for Accumulated Water
34-040-01	9	FNC	1 C	1 C	2-21 2-23		ALL	ALL	0.30	Functional Check of the Auxiliary Static Pressure System for Leakage (High Altitude)
34-045-01	9	OPC	1 C	1 C	1-31		ALL	ALL	0.50	Operational Check of the Captain and First Officer Static Source Selector Valve
34-050-01	8	DET	3 YR	3 YR	2-21 2-22		ALL	ALL	0.30	Detailed Inspection of Static Ports and Adjacent Area (RVSM Operations Only)
34-055-01	6	GVI	1 C	1 C	3-95		ALL	ALL	0.10	General Visual Inspection of the Elevator Pitot Probes
34-060-01	6	VCK	1 C	1 C	3-95		ALL	ALL	0.20	Visual Check of Elevator Pitot Plumbing for Accumulated Water
34-065-01	6	FNC	1 C	1 C	3-95		ALL	ALL	0.50	Functional Check of the Elevator Pitot System for Leakage (High Altitude)
34-070-01	6	VCK	1 C	1 C	2-21 2-23		ALL	ALL	0.20	Visual Check of the Cabin Pressure Static Plumbing for Accumulated Water
34-075-01	6	FNC	1 C	1 C	2-21 2-23		ALL	ALL	0.20	Functional Check of the Cabin Pressure System for Leakage (High Altitude)
34-080-01	9	FNC	1 C	1 C	2-21 2-23		ALL	ALL	0.30	Functional Check of the Overspeed Warning System
34-085-01	8	FNC	1 C	1 C	2-21 2-23		ALL	ALL	0.90	Functional Check of the Stall Warning System (Single System Only)

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
34-090-01	6	OPC	1 C	1 C	2-21 2-22		ALL	ALL	0.20	Operational Check of the Heater Indication System (Single System Only)
34-095-01	9	OPC	1 C	1 C	2-21 2-22		ALL	ALL	0.60	Operational Check of the Compass Mode (Free or Slave) Switching
34-100-01	9	OPC	1 C	1 C	2-21 2-23		ALL	ALL	0.30	Operational Check of the Compass System Switching
34-105-01	9	OPC	1 C	1 C	2-21 2-23		ALL	ALL	0.30	Operational Check of the Attitude Transfer Switching
34-110-01	9	OPC	1 C	1 C	2-21 2-22		ALL	ALL	0.20	Operational Check of the Auxiliary Gyro "INOP" Annunciation
34-120-01	6	DET	4 C	4 C	3-95	9504	ALL	ALL	0.50	Detailed Inspection of the Navigation Antennas (Antennas Removed)
34-125-01	9	OPC	1 C	1 C	2-21 2-22		ALL	ALL	0.50	Operational Check of the VOR/ILS Switching System
34-130-01	9	OPC	1 C	1 C	2-21 2-22		ALL NOTE	ALL	0.40	Operational Check of the Weather Radar Transfer Switching AIRPLANE NOTE: Airplanes with dual systems installed only
34-145-01		OPC	NOTE	NOTE	1-12		ALL	ALL	0.30	Operational Check of the Air Traffic Control System INTERVAL NOTE: Per 14 CFR Part 91.413 or local regulatory requirements
34-155-01	9	RST	NOTE	NOTE	1-12		ALL	ALL	0.30	Restoration of the IRS Battery Unit INTERVAL NOTE: Per manufacturer's recommendation
34-160-01	9	RST	1 C	1 C	1-12		ALL	ALL	0.50	Clean the IRS Cooling Fan (On Systems That Do Not Use Ring Laser Gyros)
34-165-01	8	FNC	8000 FH	8000 FH	2-21 2-23		ALL	ALL	1.20	Functional Check of the Ground Proximity Warning System (Mark II)
34-170-01	9	DET	2 C	2 C	1	NOTE	ALL	ALL	0.50	Detailed Inspection of the Lower Navigation Antennas and Mounts ACCESS NOTE: Antennas removed
34-175-01	9	DET	4 C	4 C	2 3-95	NOTE	ALL	ALL	0.50	Detailed Inspection of the Upper Navigation Antennas and Mounts ACCESS NOTE: Antennas removed



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 35: Oxygen
35-005-01	6	FNC	NOTE	NOTE	1-12	1202	ALL	ALL	0.17	Functional Check (Hydrostatic Test) of the Crew Oxygen Bottle INTERVAL NOTE: Per Local 49 CFR PART 180 requirements and/or vendor recommendations
35-010-01	6	FNC	4 C	4 C	2-21 2-22 2-23		ALL	ALL	0.17	Functional Check of the Crew Oxygen Diluter Demand Regulator
35-015-01	6	FNC	4 C	4 C	1-12	1202	ALL	ALL	0.17	Functional Check of the Crew Oxygen Pressure Reducing Regulator
35-020-01	6	GVI	2 A	2 A	2-21 2-22 2-23		ALL	ALL	0.30	General Visual Inspection of the Crew Oxygen Mask
35-025-01	8	FNC	NOTE	NOTE	1-12	1202 NOTE	ALL	ALL	0.17	Functional Check of the Crew Oxygen Safety Relief Valve INTERVAL NOTE: 4C or shop visit ACCESS NOTE: Accomplish with hydrostatic test of oxygen cylinder. Safety relief valve is part of cylinder assembly.
35-030-01	6	OPC	1 A	1 A	2-21 2-22 2-23		ALL	ALL	0.08	Operational Check of the Crew Oxygen Mask Microphone
35-035-01	6	FNC	NOTE	NOTE	1-12	1202	ALL	ALL	0.17	Functional Check (Hydrostatic Test) of the Passenger Oxygen Bottle INTERVAL NOTE: Hydrostatic test per manufacturer's recommendation and/or 49 CFR PART 180 requirements
35-040-01	9	FNC	2 C	2 C	1-12 2-24	1202	ALL NOTE	ALL	4.00	Functional Check of the Passenger Oxygen System Aneroid Switch AIRPLANE NOTE: Airplanes with passenger oxygen system aneroid switch installed only
35-045-01	9	OPC	2 C	2 C	1-12 2-23 2-24	1202	ALL	ALL	1.00	Operational Check of the Passenger Oxygen System Using Manual Eject Switch
35-050-01	8	OPC	2 C	2 C	1-12 2-23 2-24	1202	ALL	ALL	1.00	Operational Check of the Passenger Oxygen System Using Manual Eject Handle



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
35-055-01	8	FNC	4 C	4 C	1-12 2-23 2-24	1202	ALL	ALL	1.00	Functional Check of the Passenger Oxygen System Over Pressure Relief Valve
35-060-01	8	GVI	4 C	4 C	2-24		ALL	ALL	2.00	General Visual Inspection of the Passenger Oxygen Masks and Hoses
35-065-01	8	FNC	4 C	4 C	1-12	1202	ALL	ALL	1.00	Functional Check (Decay Check) of Passenger Oxygen System Plumbing
35-070-01	9	VCK	1 A	1 A	2-21 2-22 2-23		ALL	ALL	0.02	Visual Check of the Crew Portable Oxygen Cylinder for Proper Pressure
35-075-01	9	FNC	NOTE	NOTE	2-21 2-22 2-23		ALL	ALL	0.17	Functional Check (Hydrostatic Test) of the Crew Portable Oxygen Cylinder INTERVAL NOTE: Per 49 CFR PART 180 requirements and/or vendor recommendations
35-080-01	9	GVI	1 A	1 A	2-21 2-22 2-23		ALL	ALL	0.02	General Visual Inspection of the Crew Portable Oxygen Mask
35-085-01	8	VCK	1 A	1 A	2-24		ALL	ALL	0.02	Visual Check of the Cabin Portable Oxygen Cylinder for Proper Pressure
35-090-01	8	FNC	NOTE	NOTE	2-24		ALL	ALL	0.08	Functional Check (Hydrostatic Test) of the Cabin Portable Oxygen Cylinder INTERVAL NOTE: Per 49 CFR PART 180 requirements and/or vendor recommendations
35-095-01	8	GVI	1 A	1 A	2-24		ALL	ALL	0.02	General Visual Inspection of the Cabin Portable Oxygen Mask
35-100-01	9	VCK	1 A	1 A	2-24		ALL NOTE	ALL	0.02	Visual Check of Medical/Therapeutic Oxygen Cylinder for Proper Pressure AIRPLANE NOTE: Airplanes with medical/therapeutic oxygen cylinder installed only
35-105-01	9	FNC	NOTE	NOTE	2-24		ALL	ALL	0.08	Functional Check (Hydrostatic Test) of the Medical/Therapeutic Oxygen Cylinder (If Installed) INTERVAL NOTE: Per 49 CFR PART 180 requirements and/or vendor recommendations
35-110-01	9	GVI	1 A	1 A	2-21 2-22 2-23		ALL NOTE	ALL	0.03	General Visual Inspection of the Crew Smoke Hood AIRPLANE NOTE: Airplanes with crew smoke hood installed only



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
35-115-01	8	VCK	1 A	1 A	2-21 2-22 2-23 2-24		ALL NOTE	ALL	0.02	Visual Check of Protective Breathing Equipment for Expiration Date, Tamper Seal, and Humidity Indication AIRPLANE NOTE: Airplanes with protective breathing equipment installed only



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 36: Pneumatic
36-005-01	7	DET	4 C	4 C	2-39	3903	ALL	ALL	0.80	Detailed Inspection of the Pneumatic Ground Connector Flapper and Hinge Pin
36-010-01	7	FNC	1 C	1 C	2-37 2-38	3756 3856	ALL	ALL	1.50	Functional Check of the Bleed Air Overheat System
36-015-01	7	FNC	4 C	4 C	2-37 2-38	3756 3856	ALL	ALL	1.00	Functional Check of the Pressure Relief Valve
36-020-01	9	FNC	2 C	2 C	2-37 2-38	3756 3856	ALL	ALL	0.25	Functional Check of the Air Cleaner System



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 38: Water / Waste
38-005-01	7	DET	3 C	3 C	1-13	1312 1314	ALL	ALL	0.20	Detailed Inspection of the Potable Water Pressurized Tank for Leakage with Tanks Full of Water
38-010-01	7	DIS	1 C	1 C	2-25 2-27 2-28		ALL NOTE	ALL	0.40	Discard Potable Water Filter Cartridge AIRPLANE NOTE: Airplanes with Potable Water Filter Cartridge installed only
38-015-01	7	FNC	3 C	3 C	1-13	1312 1314	ALL	ALL	1.50	Functional Check of the Potable Water Tank Relief Valve for Cracking Pressure
38-020-01	7	DIS	2 C	2 C	1-13	1312 1314	ALL	ALL	0.50	Discard Potable Water System Air Filter



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 49: Airborne Auxiliary Power
49-005-01	7	GVI	NOTE	NOTE	1-35 1-36		ALL	ALL	0.05	General Visual Inspection of the APU Air Inlet Screen INTERVAL NOTE: At APU change
49-010-01	8	GVI	1 C	1 C	1-35 1-36		ALL	ALL	0.03	General Visual Inspection of the APU Shroud
49-015-01	9	DET	NOTE	NOTE	1-35 1-36		ALL	ALL	0.17	Detailed Inspection of the APU Mount Assemblies INTERVAL NOTE: At APU change
49-020-01	7	VCK	2 A	2 A	1-35 1-36		ALL	ALL	0.15	Visual Check of APU Engine Plenum Chamber Drain
49-025-01	7	GVI	1 C	1 C	1-36		ALL	ALL	0.20	General Visual Inspection of the APU Exhaust Duct Assembly and Attaching Hardware
49-030-01	7	GVI	1 C	1 C	1-36		ALL	ALL	1.50	General Visual Inspection of the APU Exhaust Aspirator Tube and Attaching Hardware
49-035-01	7	GVI	1 C	1 C	1-35 1-36	3506 3507 3606 3607	ALL	ALL	0.08	General Visual Inspection of the APU Oil Tank
49-040-01	7	DIS	2 A	2 A	1-35 1-36	3506 3507 3606 3607 NOTE	ALL	ALL	0.60	Inspect and Discard the APU Oil Filter ACCESS NOTE: Access thru main landing gear doors, APU shroud accessory end access panel



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 52: Doors
52-005-01	6	LUB	1 C	1 C	2-42	4201	ALL	ALL	0.40	Lubricate the Forward Passenger Door Hinge Mechanism
52-010-01	6	DET	4 C	4 C	2-42	4201	ALL	ALL	0.30	Detailed Inspection of the Forward Passenger Door Hinge Mechanism
52-015-01	6	LUB	1 C	1 C	2-42	4201	ALL	ALL	0.40	Lubricate the Forward Passenger Door Latching Mechanism
52-020-01	6	DET	4 C	4 C	2-42	4201	ALL	ALL	0.20	Detailed Inspection of the Forward Passenger Door Latching Mechanism
52-025-01	6	LUB	1 C	1 C	2-42	4201	ALL	ALL	0.40	Lubricate the Forward Passenger Door Upper/Lower Gates Mechanism
52-030-01	6	DET	4 C	4 C	2-42	4201	ALL	ALL	0.20	Detailed Inspection of the Forward Passenger Door Upper/Lower Gates Mechanism
52-035-01	6	LUB	1 C	1 C	2-42	4201	ALL	ALL	0.40	Lubricate the Forward Passenger Door Operating Mechanism
52-040-01	6	DET	4 C	4 C	2-42	4201	ALL	ALL	0.30	Detailed Inspection of the Forward Passenger Door Operating Mechanism
52-045-01	8	DET	2 C	2 C	2-42	4201	ALL	ALL	0.20	Detailed Inspection of the Forward Passenger Door Hold Open Latch Pin
52-050-01	6	DET	1 C	1 C	2-42	4201	ALL	ALL	0.20	Detailed Inspection of the Forward Passenger Door Pressure Seal
52-055-01	6	FNC	2 C	2 C	2-42	4201	ALL	ALL	0.10	Functional Check of the Forward Passenger Door Stop Pin for Locking
52-060-01	6	DET	2 C	2 C	2-42	4201	ALL	ALL	0.20	Detailed Inspection of the Forward Passenger Door Stop Fitting
52-065-01	6	DET	1 C	1 C	2-42	4201	ALL	ALL	0.20	Detailed Inspection of the Forward Passenger Door Pressure Seal Depressor Assembly
52-070-01	8	DET	2 C	2 C	2-42	4201	ALL	ALL	0.20	Detailed Inspection of the Forward Passenger Door Girt Bar Latch Assembly
52-075-01	6	LUB	1 C	1 C	2-24	2405	200	ALL	0.40	Lubricate the Forward Galley Door Hinge Mechanism
52-080-01	6	DET	4 C	4 C	2-24	2405	200	ALL	0.30	Detailed Inspection of the Forward Galley Door Hinge Mechanism
52-080-02	6	DET	4 C	4 C	2-24	4301	100	ALL	0.30	Detailed Inspection of the Mid Galley Door Hinge Mechanism
52-085-01	6	LUB	1 C	1 C	2-24	2405	200	ALL	0.40	Lubricate the Forward Galley Door Latching Mechanism
52-085-02	6	LUB	1 C	1 C	2-24	4301	100	ALL	0.40	Lubricate the Mid Galley Door Latching Mechanism

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-090-01	6	DET	4 C	4 C	2-24	2405	200	ALL	0.30	Detailed Inspection of the Forward Galley Door Latching Mechanism
52-090-02	6	DET	4 C	4 C	2-24	4301	100	ALL	0.30	Detailed Inspection of the Mid Galley Door Latching Mechanism
52-095-01	6	LUB	1 C	1 C	2-24	2405	200	ALL	0.40	Lubricate the Forward Galley Door Upper/Lower Gates Mechanism
52-095-02	6	LUB	1 C	1 C	2-24	4301	100	ALL	0.40	Lubricate the Mid Galley Door Upper/Lower Gates Mechanism
52-100-01	6	DET	4 C	4 C	2-24	2405	200	ALL	0.20	Detailed Inspection of the Forward Galley Door Upper/Lower Gates Mechanism
52-100-02	6	DET	4 C	4 C	2-24	4301	100	ALL	0.20	Detailed Inspection of the Mid Galley Door Upper/Lower Gates Mechanism
52-105-01	6	LUB	1 C	1 C	2-24	2405	200	ALL	0.40	Lubricate the Forward Galley Door Operating Mechanism
52-105-02	6	LUB	1 C	1 C	2-24	4301	100	ALL	0.40	Lubricate the Mid Galley Door Operating Mechanism
52-110-01	6	DET	4 C	4 C	2-24	2405	200	ALL	0.30	Detailed Inspection of the Forward Galley Door Operating Mechanism
52-110-02	6	DET	4 C	4 C	2-24	4301	100	ALL	0.30	Detailed Inspection of the Mid Galley Door Operating Mechanism
52-115-01	8	DET	2 C	2 C	2-24	2405	200	ALL	0.20	Detailed Inspection of the Forward Galley Door Hold Open Latch Pin
52-115-02	8	DET	2 C	2 C	2-24	4301	100	ALL	0.20	Detailed Inspection of the Mid Galley Door Hold Open Latch Pin
52-120-01	6	DET	1 C	1 C	2-24	2405	200	ALL	0.20	Detailed Inspection of the Forward Galley Door Pressure Seal
52-120-02	6	DET	1 C	1 C	2-24	4301	100	ALL	0.20	Detailed Inspection of the Mid Galley Door Pressure Seal
52-125-01	6	FNC	2 C	2 C	2-24	2405	200	ALL	0.10	Functional Check of the Forward Galley Door Stop Pin for Locking
52-125-02	6	FNC	2 C	2 C	2-24	4301	100	ALL	0.10	Functional Check of the Mid Galley Door Stop Pin for Locking
52-130-01	6	DET	2 C	2 C	2-24	2405	200	ALL	0.20	Detailed Inspection of the Forward Galley Door Stop Fitting
52-130-02	6	DET	2 C	2 C	2-24	4301	100	ALL	0.20	Detailed Inspection of the Mid Galley Door Stop Fitting
52-135-01	6	DET	1 C	1 C	2-24	2405	200	ALL	0.20	Detailed Inspection of the Forward Galley Door Pressure Seal Depressor Assembly



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-135-02	6	DET	1 C	1 C	2-24	4301	100	ALL	0.20	Detailed Inspection of the Mid Galley Door Pressure Seal Depressor Assembly
52-140-01	8	DET	2 C	2 C	2-24	2405	200	ALL	0.20	Detailed Inspection of the Forward Galley Door Girt Bar Latch Assembly
52-140-02	8	DET	2 C	2 C	2-24	4301	100	ALL	0.20	Detailed Inspection of the Mid Galley Door Girt Bar Latch Assembly
52-145-01	9	LUB	1 C	1 C	2-46		ALL	ALL	0.40	Lubricate the Aft Entry Door Operating Mechanism
52-150-01	9	DET	4 C	4 C	2-46		ALL	ALL	0.20	Detailed Inspection of the Aft Entry Door Operating Mechanism
52-155-01	8 9	LUB	1 C	1 C	2-46		ALL	ALL	0.40	Lubricate the Aft Entry Door Latch Mechanism
52-160-01	8 9	DET	4 C	4 C	2-46		ALL	ALL	0.20	Detailed Inspection of the Aft Entry Door Latch Mechanism
52-165-01	8	DET	4 C	4 C	2-46		ALL	ALL	0.20	Detailed Inspection of the Aft Entry Door Centering Guide and Track Assembly
52-170-01	8	DET	4 C	4 C	2-46		ALL	ALL	0.20	Detailed Inspection of the Aft Entry Door Latch (Door Jamb) Stop Fitting and Stop Pins
52-180-01	9	DET	4 C	4 C	2-46		ALL	ALL	0.30	Detailed Inspection of the Aft Entry Door Hinge Assembly
52-190-01	6	DET	1 C	1 C	2-46		ALL	ALL	0.20	Detailed Inspection of the Aft Entry Door Pressure Seal
52-195-01	6	DET	5 C	5 C	2-46		ALL	ALL	0.50	Detailed Inspection of the Aft Entry Door Viewing Window Assembly (Inner and Outer Pane)
52-200-01	6	DET	4 C	4 C	2-46		ALL	ALL	0.20	Detailed Inspection of the Aft Entry Door Pressure Seal Depressor Assembly (Door Jamb)
52-205-01	9	DET	4 C	4 C	2-46		ALL	ALL	0.10	Detailed Inspection of the Aft Entry Door Chain and Retainer Assembly
52-210-01	6	LUB	1 C	1 C	2-46A	2410 2411	200	ALL	0.40	Lubricate the Aft Service Door Hinge Mechanism
52-215-01	6	DET	4 C	4 C	2-46A	2410 2411	200	ALL	0.80	Detailed Inspection of the Aft Service Door Hinge Mechanism
52-220-01	6	LUB	1 C	1 C	2-46A	2410 2411	200	ALL	0.40	Lubricate the Aft Service Door Latching Mechanism
52-225-01	6	DET	4 C	4 C	2-46A	2410 2411	200	ALL	0.60	Detailed Inspection of the Aft Service Door Latching Mechanism



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-230-01	6	LUB	1 C	1 C	2-46A	2410 2411	200	ALL	0.40	Lubricate the Aft Service Door Upper/Lower Gates Mechanism
52-235-01	6	DET	4 C	4 C	2-46A	2410 2411	200	ALL	0.40	Detailed Inspection of the Aft Service Door Upper/Lower Gates Mechanism
52-240-01	6	LUB	1 C	1 C	2-46A	2410 2411	200	ALL	0.40	Lubricate the Aft Service Door Operating Mechanism
52-245-01	6	DET	4 C	4 C	2-46A	2410 2411	200	ALL	0.40	Detailed Inspection of the Aft Service Door Operating Mechanism
52-250-01	8	DET	2 C	2 C	2-46A	2410 2411	200	ALL	0.30	Detailed Inspection of the Aft Service Door Hold Open Latch Pin
52-255-01	6	DET	1 C	1 C	2-46A	2410 2411	200 NOTE	ALL	0.40	Detailed Inspection of the Aft Service Door Pressure Seal AIRPLANE NOTE: 727-200 passenger airplanes only
52-260-01	6	FNC	2 C	2 C	2-46A	2410 2411	200	ALL	0.20	Functional Check of the Aft Service Door Stop Pin for Locking
52-265-01	6	DET	2 C	2 C	2-46A	2410 2411	200	ALL	0.30	Detailed Inspection of the Aft Service Door Stop Fitting
52-270-01	6	DET	1 C	1 C	2-46A	2410 2411	200	ALL	0.40	Detailed Inspection of the Aft Service Door Pressure Seal Depressor Assembly
52-275-01	8	DET	2 C	2 C	2-46A	2410 2411	200	ALL	0.30	Detailed Inspection of the Aft Service Door Girt Bar Latch Assembly
52-280-01	9	OPC	2 C	2 C	2-49	2401 2402 2403 2404	ALL	ALL	0.80	Operational Check of the Overwing Emergency Exit Doors
52-285-01	9	LUB	2 C	2 C	2-49	2401 2402 2403 2404	ALL	ALL	0.80	Lubricate the Overwing Emergency Exit Door Bell Crank Assembly
52-290-01	6	DET	2 C	2 C	2-49	2401 2402 2403 2404	ALL	ALL	0.40	Detailed Inspection of the Overwing Emergency Exit Door Pivot Fitting



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-295-01	6	DET	2 C	2 C	2-49	2401 2402 2403 2404	ALL	ALL	0.40	Detailed Inspection of the Overwing Emergency Exit Door Pivot Hook
52-300-01	6	DET	2 C	2 C	2-49	2401 2402 2403 2404	ALL	ALL	0.80	Detailed Inspection of the Overwing Emergency Exit Door Pressure Seal
52-305-01	6	DET	2 C	2 C	2-49	2401 2402 2403 2404	ALL	ALL	0.40	Detailed Inspection of the Overwing Emergency Exit Door Stop Pins
52-310-01	6	LUB	1 C	1 C	1-13 1-15	1502 1503	ALL	ALL	0.50	Lubricate the Lower Cargo Door Latch Mechanism
52-315-01	6	DET	4 C	4 C	1-13 1-15	1502 1503	ALL	ALL	0.30	Detailed Inspection of Lower Cargo Door Latch Mechanism
52-320-01	6	LUB	1 C	1 C	1-13 1-15	1502 1503	ALL	ALL	0.50	Lubricate the Lower Cargo Door Hinge Linkage
52-325-01	6	DET	4 C	4 C	1-13 1-15	1502 1503	ALL	ALL	0.30	Detailed Inspection of the Lower Cargo Door Hinge Linkage
52-330-01	6	LUB	1 C	1 C	1-13 1-15	1502 1503	ALL	ALL	0.25	Lubricate the Lower Cargo Door Balance Mechanism
52-335-01	6	DET	4 C	4 C	1-13 1-15	1502 1503	ALL	ALL	0.30	Detailed Inspection of the Lower Cargo Door Balance Mechanism
52-340-01	6	LUB	1 C	1 C	1-13 1-15	1502 1503	ALL	ALL	0.20	Lubricate the Lower Cargo Door Guide Roller
52-345-01	6	DET	4 C	4 C	1-13 1-15	1502 1503	ALL	ALL	0.20	Detailed Inspection of the Lower Cargo Door Guide Roller
52-350-01	6	DET	4 C	4 C	1-13 1-15	1502 1503	ALL	ALL	0.20	Detailed Inspection of the Lower Cargo Door Guide Track
52-355-01	6	DET	1 C	1 C	1-13 1-15	1502 1503	ALL	ALL	0.30	Detailed Inspection of the Lower Cargo Door Pressure Seal
52-360-01	6	DET	1 C	1 C	1-13 1-15	1502 1503	ALL	ALL	0.20	Detailed Inspection of the Lower Cargo Door Seal Depressor



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-365-01	6	FNC	4 C	4 C	1-13 1-15	1502 1503	ALL	ALL	0.20	Functional Check of the Lower Cargo Door Stop Pin for Locking
52-370-01	6	DET	4 C	4 C	1-13 1-15	1502 1503	ALL	ALL	0.20	Detailed Inspection of the Lower Cargo Door Stop Fittings
52-375-01	7	DET	1 C	1 C	1-13 1-15	1502 1503	200	ALL	0.30	Detailed Inspection of the Lower Cargo Door Strut Assembly
52-380-01	5	SVC	2 A	2 A	1-13 1-15	1502 1503	ALL	ALL	0.80	Service Lower Cargo Door Hydraulic Snubber
52-385-01	6 7	LUB	1 C	1 C	1-15	1504	200	ALL	0.15	Lubricate the Number 3 Lower Cargo Door Latch Mechanism "If Installed"
52-390-01	6 7	DET	4 C	4 C	1-15	1504	200	ALL	0.20	Detailed Inspection of the Number 3 Lower Cargo Door Latch Mechanism "If Installed"
52-395-01	6 7	DET	4 C	4 C	1-15	1504	200	ALL	0.20	Detailed Inspection of the Number 3 Lower Cargo Door Hinge Linkage "If Installed"
52-405-01	7	DET	4 C	4 C	1-15	1504	200	ALL	0.30	Detailed Inspection of the Number 3 Lower Cargo Door Balance Mechanism "If Installed"
52-410-01	6	DET	4 C	4 C	1-15	1504	200	ALL	0.20	Detailed Inspection of the Number 3 Lower Cargo Door Guide Roller "If Installed"
52-415-01	6	LUB	1 C	1 C	1-15	1504	200	ALL	0.15	Lubricate the Number 3 Lower Cargo Door Guide Rollers "If Installed"
52-420-01	6	DET	4 C	4 C	1-15	1504	200	ALL	0.20	Detailed Inspection of the Number 3 Lower Cargo Door Guide Track "If Installed"
52-425-01	6	DET	1 C	1 C	1-15	1504	200	ALL	0.20	Detailed Inspection of the Number 3 Lower Cargo Door Seal "If Installed"
52-430-01	6	DET	1 C	1 C	1-15	1504	200	ALL	0.15	Detailed Inspection of the Number 3 Lower Cargo Door Seal Depressor "If Installed"
52-435-01	6	FNC	4 C	4 C	1-15	1504	200	ALL	0.10	Functional Check of the Number 3 Lower Cargo Door Stop Pin for Locking "If Installed"
52-440-01	6	DET	4 C	4 C	1-15	1504	200	ALL	0.20	Detailed Inspection of the Number 3 Lower Cargo Door Stop Fitting "If Installed"
52-445-01	5	DET	1 C	1 C	1-15	1504	200	ALL	0.20	Detailed Inspection of the Number 3 Lower Cargo Door Up Latch Mechanism "If Installed"
52-450-01	7	SVC	2 A	2 A	1-15	1504	200	ALL	0.40	Service the Number 3 Lower Cargo Door Snubber Mechanism "If Installed"



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-455-01	6	DET	1 C	1 C	2-48		FRTR	ALL	0.50	Detailed Inspection of the Main Cargo Door Pressure Door and Hinge Assembly
52-455-02	6	DET	1 C	1 C	2-48		COMB	ALL	0.50	Detailed Inspection of the Main Cargo Door Pressure Door and Hinge Assembly
52-460-01	9	OPC	2 C	2 C	2-48		FRTR	ALL	0.50	Operational Check of the Main Cargo Door Manual Hydraulic Mode
52-460-02	9	OPC	2 C	2 C	2-48		COMB	ALL	0.50	Operational Check of the Main Cargo Door Manual Hydraulic Mode
52-465-01	6	DET	1 C	1 C	2-48		FRTR	ALL	0.30	Detailed Inspection of the Main Cargo Door Pressure Seal
52-465-02	6	DET	1 C	1 C	2-48		COMB	ALL	0.30	Detailed Inspection of the Main Cargo Door Pressure Seal
52-470-01	6	DET	1 C	1 C	2-48		FRTR	ALL	0.30	Detailed Inspection of the Main Cargo Door Pressure Seal Retainer
52-470-02	6	DET	1 C	1 C	2-48		COMB	ALL	0.30	Detailed Inspection of the Main Cargo Door Pressure Seal Retainer
52-475-01	6	DET	1 C	1 C	2-48		FRTR	ALL	0.20	Detailed Inspection of the Main Cargo Door Drift Pin Assembly
52-475-02	6	DET	1 C	1 C	2-48		COMB	ALL	0.20	Detailed Inspection of the Main Cargo Door Drift Pin Assembly
52-480-01	6	LUB	1 C	1 C	2-48		FRTR	ALL	0.40	Lubricate the Main Cargo Door Latch Assembly
52-480-02	6	LUB	1 C	1 C	2-48		COMB	ALL	0.40	Lubricate the Main Cargo Door Latch Assembly
52-485-01	6	DET	1 C	1 C	2-48		FRTR	ALL	0.30	Detailed Inspection of the Main Cargo Door Latch Assembly
52-485-02	6	DET	1 C	1 C	2-48		COMB	ALL	0.30	Detailed Inspection of the Main Cargo Door Latch Assembly
52-490-01	7	DET	1 C	1 C	2-48		FRTR	ALL	0.20	Detailed Inspection of the Main Cargo Door Cam Assembly
52-490-02	7	DET	1 C	1 C	2-48		COMB	ALL	0.20	Detailed Inspection of the Main Cargo Door Cam Assembly
52-495-01	6	LUB	1 C	1 C	2-48		FRTR	ALL	0.40	Lubricate the Main Cargo Door Actuation Mechanism
52-495-02	6	LUB	1 C	1 C	2-48		COMB	ALL	0.40	Lubricate the Main Cargo Door Actuation Mechanism
52-500-01	6	DET	1 C	1 C	2-48		FRTR	ALL	0.30	Detailed Inspection of the Main Cargo Door Actuation Mechanism
52-500-02	6	DET	1 C	1 C	2-48		COMB	ALL	0.30	Detailed Inspection of the Main Cargo Door Actuation Mechanism



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-505-01	6	DET	4 C	4 C	2-48	NOTE	FRTR	ALL	0.50	Detailed Inspection of the Main Cargo Door Hinge and Hinge Pin Assembly ACCESS NOTE: Pin removed
52-505-02	6	DET	4 C	4 C	2-48	NOTE	COMB	ALL	0.50	Detailed Inspection of the Main Cargo Door Hinge and Hinge Pin Assembly ACCESS NOTE: Pin removed
52-510-01	6	RST	1 C	1 C	2-48		FRTR	ALL	0.40	Clean the Main Cargo Door Latch/Lock View Inspection Window
52-510-02	6	RST	1 C	1 C	2-48		COMB	ALL	0.40	Clean the Main Cargo Door Latch/Lock View Inspection Window
52-515-01	9	RST	2 C	2 C	2-48		FRTR	ALL	1.00	Restoration of the Main Cargo Door Pressure Relief Valve
52-515-02	9	RST	2 C	2 C	2-48		COMB	ALL	1.00	Restoration Check of the Main Cargo Door Pressure Relief Valve
52-520-01	9	LUB	1 C	1 C	1-11 1-12	1103 1202	ALL	ALL	0.20	Lubricate Door Latching Mechanism (Forward Access and Electronic Access Doors)
52-525-01	9	DET	4 C	4 C	1-11 1-12	1103 1202	ALL	ALL	0.40	Detailed Inspection of the Latching Mechanism (Forward Access and Electronic Access Doors)
52-530-01	9	LUB	1 C	1 C	1-11 1-12	1103 1202	ALL	ALL	0.20	Lubricate the Latch Pin Assembly (Forward Access and Electronic Access Doors)
52-535-01	9	DET	4 C	4 C	1-11 1-12	1103 1202	ALL	ALL	0.20	Detailed Inspection of the Latch Pin Assembly (Forward Access and Electronic Access Doors)
52-540-01	9	LUB	1 C	1 C	1-12	1202	ALL	ALL	0.20	Lubricate the Rack Pin Assembly (Electronic Access Door Only)
52-545-01	9	DET	4 C	4 C	1-12	1202	ALL	ALL	0.10	Detailed Inspection of the Rack Pin Assembly (Electronic Access Door Only)
52-550-01	9	DET	4 C	4 C	1-11	1103	ALL	ALL	0.20	Detailed Inspection of the Forward Access Door
52-555-01	9	DET	4 C	4 C	1-12	1202	ALL	ALL	0.20	Detailed Inspection of the Electronic Access Door
52-560-01	9	DET	4 C	4 C	1-11	1103	ALL	ALL	0.10	Detailed Inspection of the Hinge Fitting (Forward Access Door)
52-565-01	9	DET	4 C	4 C	1-12	1202	ALL	ALL	0.10	Detailed Inspection of the Roller Assembly (Electronic Access Door)
52-570-01	6	DET	4 C	4 C	1-11	1103	ALL	ALL	0.10	Detailed Inspection of the Stop Pads (Forward Access Door)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-575-01	6	DET	1 C	1 C	1-11 1-12	1103 1202	ALL	ALL	0.20	Detailed Inspection of the Door Pressure Seal (Forward Access and Electronic Access Doors)
52-580-01	8	GVI	1 C	1 C	2-23		ALL	ALL	0.10	General Visual Inspection of the Flight Compartment Door Pressure Relief Door Jamb for Proper Condition
52-585-01	8	GVI	1 C	1 C	2-23		ALL	ALL	0.10	General Visual Inspection of the Flight Compartment Door Seal
52-590-01	6	DET	1 C	1 C	1-16	1601	ALL NOTE	ALL	0.20	Detailed Inspection of the Forward Stairwell Door Seal AIRPLANE NOTE: Airplanes with forward entry door stairway installed only
52-595-01	6	LUB	1 C	1 C	1-16	1601	ALL NOTE	ALL	0.40	Lubricate the Forward Stairwell Door Assembly AIRPLANE NOTE: Airplanes with forward entry door stairway installed only
52-600-01	7	LUB	1 C	1 C	1-16	1601	ALL NOTE	ALL	0.50	Lubricate the Forward Entry Door Airstair System AIRPLANE NOTE: Airplanes with forward entry door stairway installed only
52-605-01	6 7	DET	1 C	1 C	1-16	1601	ALL NOTE	ALL	1.50	Detailed Inspection of the Forward Stairwell Door Lock/Latch Mechanism AIRPLANE NOTE: Airplanes with forward entry door stairway installed only
52-610-01	7	LUB	1 C	1 C	1-16	1601	ALL NOTE	ALL	0.50	Lubricate the Forward Airstair Assembly AIRPLANE NOTE: Airplanes with forward entry door stairway installed only
52-615-01	6	LUB	1 C	1 C	1-16	1601	ALL NOTE	ALL	1.00	Lubricate the Forward Stairwell Door Lock/Latch Mechanism AIRPLANE NOTE: Airplanes with forward entry door stairway installed only
52-620-01	9	OPC	1 C	1 C	1-16	1601	ALL NOTE	ALL	0.30	Operational Check of the Airstair Moisture Shroud Assembly Water Drain System AIRPLANE NOTE: Airplanes with forward entry door stairway installed only
52-625-01	6	SVC	1 C	1 C	2-47		ALL	ALL	0.30	Service the Aft Stair Lower Struts
52-630-01	6	DET	3 C	3 C	2-47	NOTE	ALL	ALL	0.50	Detailed Inspection of the Aft Airstair Control Cables ACCESS NOTE: Access panels 3702 and 3802
52-635-01	6	LUB	1 C	1 C	2-47	4754	ALL	ALL	0.30	Lubricate the Aft Airstair Uplock Door Mechanism



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-640-01	9	LUB	1 C	1 C	2-47	NOTE	ALL	ALL	0.30	Lubricate the Aft Airstair Lock Mechanism Vane (Cooper Vane) ACCESS NOTE: Access panels 3702 and 3802
52-645-01	8	DET	2 C	2 C	2-47		ALL NOTE	ALL	0.50	Detailed Inspection of the Aft Stairs Uplock Roller Assembly AIRPLANE NOTE: Airplanes with aft airstair emergency extension system installed only
52-650-01	8	LUB	2 C	2 C	2-47		ALL NOTE	ALL	0.50	Lubricate the Aft Airstair Pneumatic Actuator and Condensation Drain Valve Assembly AIRPLANE NOTE: Airplanes with aft airstair emergency extension system installed only
52-655-01	8	FNC	2 C	2 C	2-37 2-38	3793 3851	ALL NOTE	ALL	1.00	Functional Check of the Aft Stairs Emergency Extension System AIRPLANE NOTE: Airplanes with aft airstair emergency extension system installed only
52-660-01	8	FNC	4 C	4 C	2-47		ALL NOTE	ALL	0.30	Functional Check of the Aft Airstair System Charging and Pressure Relief Valve Assembly AIRPLANE NOTE: Airplanes with aft airstair emergency extension system installed only
52-665-01	8	VCK	1 A	1 A	2-38	3852	ALL NOTE	ALL	0.10	Visual Check of the Aft Stairs Pneumatic System Pressure Gage for Proper Pressure AIRPLANE NOTE: Airplanes with aft airstair emergency extension system installed only
52-670-01	8	SVC	2 C	2 C	2-47		ALL NOTE	ALL	0.50	Service the Aft Stairs Pneumatic Extension System AIRPLANE NOTE: Airplanes with aft airstair emergency extension system installed only
52-675-01	9	OPC	2 C	2 C	2-37 2-38	3793 3852	ALL NOTE	ALL	1.50	Operational Check of the Aft Airstair Condensation Drain Valve Assembly to Check for Presence of Water AIRPLANE NOTE: Airplanes with aft airstair emergency extension system installed only



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
52-680-01	9	OPC	2 C	2 C	2-47		ALL NOTE	ALL	1.00	Operational Check of the Aft Airstair Pneumatic Actuator and Condensation Drain Valve Assembly for Presence of Water AIRPLANE NOTE: Airplanes with aft airstair emergency extension system installed only
52-685-01	9	OPC	1 C	1 C	1-11 1-12 1-15 2-21 2-22	1103 1202 1504	ALL	ALL	0.30	Operational Check of the Number 3 Cargo Door, Electrical and Electronics Door, and Access Doors Warning System



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 56: Windows
56-005-01	9	FNC	1 C	1 C	2-21	NOTE	ALL	ALL	0.20	Functional Check of Left Hand Sliding Window Number 2 ACCESS NOTE: Remove sidewall panels.
56-010-01	9	OPC	1 C	1 C	2-21		ALL	ALL	0.30	Operational Check of the Left Hand Sliding Window Number 2
56-015-01	9	LUB	1 C	1 C	2-22	NOTE	ALL	ALL	0.20	Lubricate Right Hand Sliding Window Number 2 ACCESS NOTE: Remove sidewall panels.
56-020-01	9	OPC	1 C	1 C	2-22		ALL	ALL	0.30	Operational Check of the Right Hand Sliding Window Number 2
56-025-01	9	LUB	1 C	1 C	2-21		ALL	ALL	0.10	Lubricate the Left Hand Sliding Window Number 2 Track Assembly
56-030-01	9	LUB	1 C	1 C	2-22		ALL	ALL	0.10	Lubricate the Right Hand Sliding Window Number 2 Track Assembly
56-035-01	6	DET	1 C	1 C	2-21 2-22		ALL	ALL	0.20	Detailed Inspection of the Left Hand and Right Hand Sliding Window Number 2 Pressure Seal
56-045-01	8	OPC	1 C	1 C	2-22		ALL	ALL	0.30	Operational Check of the Right Hand Sliding Window Number 2 Emergency Exit Release Assembly (Outside)
56-055-01	8	OPC	1 C	1 C	2-21		ALL NOTE	ALL	0.30	Operational Check of the Left Hand Sliding Window Number 2 Emergency Exit Release Assembly (Outside) AIRPLANE NOTE: 727 airplanes with left hand clearview window emergency exit installed only
56-060-01	8	DET	5 C	5 C	2-24		ALL	ALL	1.00	Detailed Inspection of the Cabin Acrylic Window Pane (Outer)
56-065-01	8	DET	5 C	5 C	2-24		ALL	ALL	1.00	Detailed Inspection of the Cabin Acrylic Window Pane (Inner)
56-070-01	8	DET	5 C	5 C	2-42 2-46A 2-49	2401 2402 2403 2404 2410 2411 4201	ALL	ALL	0.20	Detailed Inspection of the Door Acrylic Window Pane (Outer)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
56-075-01	8	DET	5 C	5 C	2-42 2-46A 2-49	2401 2402 2403 2404 2410 2411 4201	ALL	ALL	0.20	Detailed Inspection of the Door Acrylic Window Pane (Inner)
56-080-01	8	DET	5 C	5 C	2-46		200	ALL	0.05	Detailed Inspection of the Aft Service Door Acrylic Window Pane (Outer)
56-085-01	8	DET	5 C	5 C	2-46		200	ALL	0.05	Detailed Inspection of the Aft Service Door Acrylic Window Pane (Inner)
56-090-01	8	RST	1 C	1 C	2-24		ALL	ALL	0.20	Clean the Forward Cargo Compartment Viewer
56-095-01	8	RST	1 C	1 C	2-24		ALL	ALL	0.20	Clean the Aft Cargo Compartment Viewer



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 71 POWERPLANT (PW)
71-005-01	9	FNC	1 C	1 C	4-51	5102 5103	ALL	ALL	0.25	Functional Check of the Cowl Tension Latch Assembly - Engine 1
71-005-02	9	FNC	1 C	1 C	4-52	NOTE	ALL	ALL	0.25	Functional Check of the Cowl Tension Latch Assembly - Engine 2 ACCESS NOTE: Forward and aft cowl panels
71-005-03	9	FNC	1 C	1 C	4-53	5302 5303	ALL	ALL	0.25	Functional Check of the Cowl Tension Latch Assembly - Engine 3
71-010-02	9	DET	1 C	1 C	4-52	NOTE	ALL	ALL	0.20	Detailed Inspection of the Cowl Safety Latch Assembly - Engine 2 ACCESS NOTE: Forward and aft cowl panels
71-015-01	8	GVI	1 C	1 C	4-51	5102 5103	ALL	ALL	0.10	General Visual Inspection of the Cowling Fire Seal Lining - Engine 1
71-015-02	8	GVI	1 C	1 C	4-52	NOTE	ALL	ALL	0.10	General Visual Inspection of the Cowling Fire Seal Lining - Engine 2 ACCESS NOTE: Forward and aft cowl panels
71-015-03	8	GVI	1 C	1 C	4-53	5302 5303	ALL	ALL	0.10	General Visual Inspection of the Cowling Fire Seal Lining - Engine 3
71-020-01	6	DET	1 C	1 C	4-52	NOTE	ALL	ALL	0.50	Detailed Inspection of the Center Engine Flexible Inlet Duct - Engine 2 ACCESS NOTE: Forward and aft cowl panels
71-025-01	8	OPC	1 C	1 C	4-51	5102 5103	ALL	ALL	0.10	Operational Check of the Drain Holes and Manifold System to Check for Freedom of Flow - Engine 1
71-025-02	8	OPC	1 C	1 C	4-52	NOTE	ALL	ALL	0.10	Operational Check of the Drain Holes and Manifold System to Check for Freedom of Flow - Engine 2 ACCESS NOTE: Forward and aft cowl panels
71-025-03	8	OPC	1 C	1 C	4-53	5302 5303	ALL	ALL	0.10	Operational Check of the Drain Holes and Manifold System to Check for Freedom of Flow - Engine 3
71-030-01	8	DET	1 C	1 C	4-51	5102 5103	ALL	ALL	0.10	Detailed Inspection of the Engine Cowl Pressure Relief Doors - Engine 1
71-030-02	8	DET	1 C	1 C	4-52	NOTE	ALL	ALL	0.10	Detailed Inspection of the Engine Cowl Pressure Relief Doors - Engine 2 ACCESS NOTE: Forward and aft cowl panels



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
71-030-03	8	DET	1 C	1 C	4-53	5302 5303	ALL	ALL	0.10	Detailed Inspection of the Engine Cowl Pressure Relief Doors - Engine 3
71-035-01	9	DET	1 C	1 C	4-52	NOTE	ALL NOTE	ALL	0.25	Detailed Inspection of Center Engine Forward Mount Assembly - Engine 2 AIRPLANE NOTE: Engine installed ACCESS NOTE: Forward and aft cowl panels
71-040-01	9	DET	1 C	1 C	4-52	NOTE	ALL NOTE	ALL	0.25	Detailed Inspection of Center Engine Aft Mount Assembly - Engine 2 AIRPLANE NOTE: Engine installed ACCESS NOTE: Forward and aft cowl panels
71-045-01	9	DET	1 C	1 C	4-51	5102 5103	ALL NOTE	ALL	0.25	Detailed Inspection of Side Engine Forward Mount Assembly - Engine 1 AIRPLANE NOTE: Engine installed
71-045-02	9	DET	1 C	1 C	4-53	5302 5303	ALL NOTE	ALL	0.25	Detailed Inspection of Side Engine Forward Mount Assembly - Engine 3 AIRPLANE NOTE: Engine installed
71-050-01	9	DET	1 C	1 C	4-51	5102 5103	ALL NOTE	ALL	0.20	Detailed Inspection of Side Engine Aft Mount Assembly - Engine 1 AIRPLANE NOTE: Engine installed
71-050-02	9	DET	1 C	1 C	4-53	5302 5303	ALL NOTE	ALL	0.20	Detailed Inspection of Side Engine Aft Mount Assembly - Engine 3 AIRPLANE NOTE: Engine installed
71-055-01	9	SDI	NOTE	NOTE	4-51	5102 5103	ALL	ALL	0.10	Special Detailed Inspection of the Forward Cone Bolt - Engine 1 INTERVAL NOTE: At engine change
71-055-02	9	SDI	NOTE	NOTE	4-52	NOTE	ALL	ALL	0.10	Special Detailed Inspection of the Forward Cone Bolt - Engine 2 INTERVAL NOTE: At engine change ACCESS NOTE: Forward and aft cowl panels
71-055-03	9	SDI	NOTE	NOTE	4-53	5302 5303	ALL	ALL	0.10	Special Detailed Inspection of the Forward Cone Bolt - Engine 3 INTERVAL NOTE: At engine change
71-060-01	9	SDI	NOTE	NOTE	4-51	5102 5103	ALL	ALL	0.10	Special Detailed Inspection of the Aft Cone Bolt - Engine 1 INTERVAL NOTE: At Engine change



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
71-060-02	9	SDI	NOTE	NOTE	4-52	NOTE	ALL	ALL	0.10	Special Detailed Inspection of the Aft Cone Bolt - Engine 2 INTERVAL NOTE: At engine change ACCESS NOTE: Forward and aft cowl panels
71-060-03	9	SDI	NOTE	NOTE	4-53	5302 5303	ALL	ALL	0.10	Special Detailed Inspection of the Aft Cone Bolt - Engine 3 INTERVAL NOTE: At engine change
71-065-01	9	DET	1 C	1 C	4-52	NOTE	ALL NOTE	ALL	0.10	Detailed Inspection of Center Engine Thrust Link - Engine 2 AIRPLANE NOTE: Engine installed ACCESS NOTE: Forward and aft cowl panels
71-070-01	6	DET	1 C	1 C	4-52	NOTE	ALL NOTE	ALL	0.20	Detailed Inspection of the Center Engine Forward Vibration Isolator Assembly - Engine 2 AIRPLANE NOTE: Engine installed ACCESS NOTE: Forward and aft cowl panels
71-075-01	6	DET	1 C	1 C	4-52	NOTE	ALL NOTE	ALL	0.20	Detailed Inspection of the Center Engine Aft Vibration Isolator Assembly - Engine 2 AIRPLANE NOTE: Engine installed ACCESS NOTE: Forward and aft cowl panels
71-080-01	6	DET	NOTE	NOTE	4-51	5102 5103	ALL NOTE	ALL	0.20	Detailed Inspection of the Side Engine Forward Vibration Isolator Assembly - Engine 1 AIRPLANE NOTE: Engine installed INTERVAL NOTE: 1C and at engine change
71-080-02	6	DET	NOTE	NOTE	4-53	5302 5303	ALL NOTE	ALL	0.20	Detailed Inspection of the Side Engine Forward Vibration Isolator Assembly - Engine 3 AIRPLANE NOTE: Engine installed INTERVAL NOTE: 1C and at engine change
71-085-01	6	DET	NOTE	NOTE	4-51	5102 5103	ALL NOTE	ALL	0.10	Detailed Inspection of the Side Engine Aft Vibration Isolator Assembly - Engine 1 AIRPLANE NOTE: Engine installed INTERVAL NOTE: 1C and at engine change



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
			THRES.	REPEAT			APL	ENG		
										TASK DESCRIPTION
71-085-02	6	DET	NOTE	NOTE	4-53	5302 5303	ALL NOTE	ALL	0.10	Detailed Inspection of the Side Engine Aft Vibration Isolator Assembly - Engine 3 AIRPLANE NOTE: Engine installed INTERVAL NOTE: 1C and at engine change



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 72: ENGINE (INTERNAL)
72-005-01	6	DIS	NOTE	NOTE	4-51		ALL	ALL	24.00	Discard the Engine Rotor - Engine 1 INTERVAL NOTE: Per manufacturer's life limits
72-005-02	6	DIS	NOTE	NOTE	4-52		ALL	ALL	24.00	Discard the Engine Rotor - Engine 2 INTERVAL NOTE: Per manufacturer's life limits
72-005-03	6	DIS	NOTE	NOTE	4-53		ALL	ALL	24.00	Discard the Engine Rotor - Engine 3 INTERVAL NOTE: Per manufacturer's life limits
72-010-01	9	SDI	1 C	1 C	4-51	5102 5103	ALL	ALL	4.00	Special Detailed Inspection of the Combustion Section Burner Cans (Borescope) - Engine 1
72-010-02	9	SDI	1 C	1 C	4-52	NOTE	ALL	ALL	4.00	Special Detailed Inspection of the Combustion Section Burner Cans (Borescope) - Engine 2 ACCESS NOTE: Remove side cowls
72-010-03	9	SDI	1 C	1 C	4-53	5302 5303	ALL	ALL	4.00	Special Detailed Inspection of the Combustion Section Burner Cans (Borescope) - Engine 3
72-015-01	6	SDI	1 C	1 C	4-51	5102 5103	ALL	ALL	4.00	Special Detailed Inspection (Borescope) of the First Stage Turbine Vanes - Engine 1
72-015-02	6	SDI	1 C	1 C	4-52	NOTE	ALL	ALL	4.00	Special Detailed Inspection (Borescope) of the First Stage Turbine Vanes - Engine 2 ACCESS NOTE: Remove side cowls
72-015-03	6	SDI	1 C	1 C	4-53	5302 5303	ALL	ALL	4.00	Special Detailed Inspection (Borescope) of the First Stage Turbine Vanes - Engine 3
72-020-01	5	DIS	NOTE	NOTE	4-51	5102 5103	ALL	ALL	4.00	Discard Turbine Hubs, Blade Retainers, and Rotating Airseals - Engine 1 INTERVAL NOTE: Per manufacturer's life limits
72-020-02	5	DIS	NOTE	NOTE	4-52	NOTE	ALL	ALL	4.00	Discard Turbine Hubs, Blade Retainers, and Rotating Airseals - Engine 2 INTERVAL NOTE: Per manufacturer's life limits ACCESS NOTE: Remove side cowls



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
72-020-03	5	DIS	NOTE	NOTE	4-53	5302 5303	ALL	ALL	4.00	Discard Turbine Hubs, Blade Retainers, and Rotating Airseals - Engine 3 INTERVAL NOTE: Per manufacturer's life limits
72-025-01	6	SDI	1 C	1 C	4-51	5102 5103	ALL	ALL	4.00	Special Detailed Inspection (Borescope) of the First Stage Turbine Blades (Forward Face) - Engine 1
72-025-02	6	SDI	1 C	1 C	4-52	NOTE	ALL	ALL	4.00	Special Detailed Inspection (Borescope) of the First Stage Turbine Blades (Forward Face) - Engine 2 ACCESS NOTE: Remove side cowls
72-025-03	6	SDI	1 C	1 C	4-53	5302 5303	ALL	ALL	4.00	Special Detailed Inspection (Borescope) of the First Stage Turbine Blades (Forward Face) - Engine 3
72-030-01	6	DIS	NOTE	NOTE	4-51	5102 5103	ALL	ALL	24.00	Discard the Low Pressure Turbine Disks, Hubs, and Shafts Rotating Airseals - Engine 1 INTERVAL NOTE: Per manufacturer's life limits
72-030-02	6	DIS	NOTE	NOTE	4-52	NOTE	ALL	ALL	24.00	Discard the Low Pressure Turbine Disks, Hubs, and Shafts Rotating Airseals - Engine 2 INTERVAL NOTE: Per manufacturer's life limits ACCESS NOTE: Remove side cowls
72-030-03	6	DIS	NOTE	NOTE	4-53	5302 5303	ALL	ALL	24.00	Discard the Low Pressure Turbine Disks, Hubs, and Shafts Rotating Airseals - Engine 3 INTERVAL NOTE: Per manufacturer's life limits
72-035-01	6	DET	2 A	2 A	4-51	5102 5103	ALL	ALL NOTE	0.08	Detailed Inspection of the Master Magnetic Chip Detector - Engine 1 ENGINE NOTE: Engines with master magnetic chip detector installed only
72-035-02	6	DET	2 A	2 A	4-52	NOTE	ALL	ALL NOTE	0.08	Detailed Inspection of the Master Magnetic Chip Detector - Engine 2 ENGINE NOTE: Engines with master magnetic chip detector installed only ACCESS NOTE: Open cowl panels
72-035-03	6	DET	2 A	2 A	4-53	5302 5303	ALL	ALL NOTE	0.08	Detailed Inspection of the Master Magnetic Chip Detector - Engine 3 ENGINE NOTE: Engines with master magnetic chip detector installed only



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 74: IGNITION
74-005-01	9	DET	1 A	1 A	4-51	5102 5103	ALL	ALL	0.75	Detailed Inspection of Igniter Plugs and Leads - Engine 1
74-005-02	9	DET	1 A	1 A	4-52	NOTE	ALL	ALL	0.75	Detailed Inspection of Igniter Plugs and Leads - Engine 2 ACCESS NOTE: Forward side cowl panels
74-005-03	9	DET	1 A	1 A	4-53	5302 5303	ALL	ALL	0.75	Detailed Inspection of Igniter Plugs and Leads - Engine 3



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 76: ENGINE CONTROLS
76-005-01	6	DET	3 C	3 C	1-11 1-12 1-31	1102 1202 3120 3121	ALL	ALL	4.00	Detailed Inspection of the Engine Thrust Control Cables/Pulleys (Unexposed) - Engine 1
76-005-02	6	DET	3 C	3 C	1-11 1-12 1-31	1102 1202 3120 3121	ALL	ALL	4.00	Detailed Inspection of the Engine Thrust Control Cables/Pulleys (Unexposed) - Engine 2
76-005-03	6	DET	3 C	3 C	1-11 1-12 1-31	1102 1202 3120 3121	ALL	ALL	4.00	Detailed Inspection of the Engine Thrust Control Cables/Pulleys (Unexposed) - Engine 3
76-010-01	6	DET	1 C	1 C	4-51 4-54	5102 5403 5405	ALL	ALL	1.50	Detailed Inspection of the Engine Thrust Control Cables/Pulleys (From Inside Section 48) - Engine 1
76-010-02	6	DET	1 C	1 C	2-37 4-52	NOTE	ALL	ALL	1.50	Detailed Inspection of the Engine Thrust Control Cables/Pulleys (From Inside Section 48 and the Teleflex) - Engine 2 ACCESS NOTE: Forward right hand cowl panel
76-010-03	6	DET	1 C	1 C	4-53 4-55	5302 5503 5505	ALL	ALL	1.50	Detailed Inspection of the Engine Thrust Control Cables/Pulleys (From Inside Section 48 and the Teleflex) - Engine 3
76-015-01	7	LUB	1 C	1 C	1-12	1202	ALL	ALL	0.50	Lubricate the Automatic Throttle Clutch and Cam Assembly - Engine 1
76-015-02	7	LUB	1 C	1 C	1-12	1202	ALL	ALL	0.50	Lubricate the Automatic Throttle Clutch and Cam Assembly - Engine 2
76-015-03	7	LUB	1 C	1 C	1-12	1202	ALL	ALL	0.50	Lubricate the Automatic Throttle Clutch and Cam Assembly - Engine 3
76-020-01	6	DET	3 C	3 C	1-11 1-12 1-15 1-31 2-21 2-22 2-23	1102 1202 3120 3121	ALL	ALL	3.00	Detailed Inspection of the Engine Start Lever Cables/Pulleys (Unexposed) - Engine 1



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
76-020-02	6	DET	3 C	3 C	1-11 1-12 1-13 1-15 1-31 2-21 2-22 2-23	1202 3120 3121	ALL	ALL	3.00	Detailed Inspection of the Engine Start Lever Cables/Pulleys (Unexposed) - Engine 2
76-020-03	6	DET	3 C	3 C	1-11 1-12 1-13 1-15 1-31 2-21 2-22 2-23	1102 1202 3120 3121	ALL	ALL	3.00	Detailed Inspection of the Engine Start Lever Cables/Pulleys (Unexposed) - Engine 3
76-025-01	6	LUB	1 C	1 C	2-21 2-22		ALL	ALL	0.09	Lubricate the Pedestal Thrust Lever Control Assembly (Detent Springs) - Engines 1, 2, and 3
76-030-01	8	DET	3 C	3 C	1-11 1-12 1-13 1-15 1-31 2-21 2-22 2-23	1102 1202 3120 3121	ALL	ALL	3.00	Detailed Inspection of the Engine Emergency Shutdown System Cables and Pulley Assembly (Fuel Cutoff Lever) (Unexposed) - Engine 1 NOTE: See ATA 76-12-00
76-030-02	8	DET	3 C	3 C	1-11 1-12 1-13 1-15 1-31 2-21 2-22 2-23	1102 1202 3120 3121	ALL	ALL	3.00	Detailed Inspection of the Engine Emergency Shutdown System Cables and Pulley Assembly (Fuel Cutoff Lever) (Unexposed) - Engine 2 NOTE: See ATA 76-12-00



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
76-030-03	8	DET	3 C	3 C	1-11 1-12 1-13 1-15 1-31 2-21 2-22 2-23	1102 1202 3120 3121	ALL	ALL	3.00	Detailed Inspection of the Engine Emergency Shutdown System Cables and Pulley Assembly (Fuel Cutoff Lever) (Unexposed) - Engine 3 NOTE: See ATA 76-12-00
76-045-01	8	OPC	NOTE	NOTE	1-35 2-21 2-22 4-54	3506 3507 5401	ALL	ALL	2.00	Operational Check of the Engine Emergency Shutdown System, Including Checking for Valve Operation, Control Handle Operation, Switch Operation, and Fire Control Handle - Engine 1 INTERVAL NOTE: At each engine change
76-045-02	8	OPC	NOTE	NOTE	2-21 2-22 2-37	3756	ALL	ALL	2.00	Operational Check of the Engine Emergency Shutdown System, Including Checking for Valve Operation, Control Handle Operation, Switch Operation, and Fire Control Handle - Engine 2 INTERVAL NOTE: At each engine change
76-045-03	8	OPC	NOTE	NOTE	1-36 2-21 2-22 4-55	3606 3607 5501	ALL	ALL	2.00	Operational Check of the Engine Emergency Shutdown System, Including Checking for Valve Operation, Control Handle Operation, Switch Operation, and Fire Control Handle - Engine 3 INTERVAL NOTE: At each engine change



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 78: EXHAUST
78-005-01	9	DET	1 C	1 C	4-51		ALL	ALL	2.00	Detailed Inspection of the Exhaust Cone - Engine 1
78-005-02	9	DET	1 C	1 C	4-52		ALL	ALL	2.00	Detailed Inspection of the Exhaust Cone - Engine 2
78-005-03	9	DET	1 C	1 C	4-53		ALL	ALL	2.00	Detailed Inspection of the Exhaust Cone - Engine 3
78-010-01	7	LUB	2 A	2 A	4-54	5403 5405 5409 5410 5411	ALL	ALL	2.00	Lubricate the Engine Thrust Reverser System and Track Assembly - Engine 1
78-010-02	7	LUB	2 A	2 A	4-52	NOTE	ALL	ALL	2.00	Lubricate the Engine Thrust Reverser System and Track Assembly - Engine 2 ACCESS NOTE: Forward right hand cowl panel
78-010-03	7	LUB	2 A	2 A	4-55	5503 5505 5509 5510 5511	ALL	ALL	2.00	Lubricate the Engine Thrust Reverser System and Track Assembly - Engine 3
78-015-01	7	FNC	1 C	1 C	4-54	5403 5405 5409 5410 5411	ALL	ALL	3.00	Functional Check of the Thrust Reverser Lockout System and Indication - Engine 1
78-015-02	7	FNC	1 C	1 C	4-52	NOTE	ALL	ALL	3.00	Functional Check of the Thrust Reverser Lockout System and Indication - Engine 2 ACCESS NOTE: Forward right hand cowl panel
78-015-03	7	FNC	1 C	1 C	4-55	5503 5505 5509 5510 5511	ALL	ALL	3.00	Functional Check of the Thrust Reverser Lockout System and Indication - Engine 3
78-020-01	7	RST	1 C	1 C	4-54	5405	ALL	ALL	0.30	Restore (Clean) the Thrust Reverser Air Filter - Engine 1
78-020-02	7	RST	1 C	1 C	4-52	NOTE	ALL	ALL	0.30	Restore (Clean) the Thrust Reverser Air Filter - Engine 2 ACCESS NOTE: Forward right hand cowl panel
78-020-03	7	RST	1 C	1 C	4-55	5505	ALL	ALL	0.30	Restore (Clean) the Thrust Reverser Air Filter - Engine 3



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 79: OIL
79-005-01	6	RST	4 A	4 A	4-51	5102	ALL	ALL	2.00	Clean and/or Replace Main Oil Filter and Check for Contamination - Engine 1
79-005-02	6	RST	4 A	4 A	4-52	NOTE	ALL	ALL	2.00	Clean and/or Replace Main Oil Filter and Check for Contamination - Engine 2 ACCESS NOTE: Right hand forward cowl panel
79-005-03	6	RST	4 A	4 A	4-53	5302	ALL	ALL	2.00	Clean and/or Replace Main Oil Filter and Check for Contamination - Engine 3
79-010-01	9	FNC	2 C	2 C	4-51	5102	ALL	ALL	2.00	Functional Check of the Oil Strainer Bypass Indication System - Engine 1
79-010-02	9	FNC	2 C	2 C	4-52	NOTE	ALL	ALL	2.00	Functional Check of the Oil Strainer Bypass Indication System - Engine 2 ACCESS NOTE: Right hand forward cowl panel
79-010-03	9	FNC	2 C	2 C	4-53	5302	ALL	ALL	2.00	Functional Check of the Oil Strainer Bypass Indication System - Engine 3



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	CAT	TASK	INTERVAL		ZONE	ACCESS	APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES.	REPEAT			APL	ENG		SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM
										TASK DESCRIPTION
										ATA 80: STARTING
80-005-01	6	SVC	1 A	1 A	4-51	5102	ALL	ALL	0.25	Check the Pneumatic Starter Oil Level - Engine 1
80-005-02	6	SVC	1 A	1 A	4-52	5209	ALL	ALL	0.25	Check the Pneumatic Starter Oil Level - Engine 2
80-005-03	6	SVC	1 A	1 A	4-53	5302	ALL	ALL	0.25	Check the Pneumatic Starter Oil Level - Engine 3



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

SECTION 7. ZONAL INSPECTION PROGRAM

A. PURPOSE	7.0-3
B. ZONAL INSPECTION REQUIREMENT RULES	7.0-3
C. TASK SUMMARY PAGE FORMAT	7.0-6
ZONAL TASKS	7.1-1



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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

A. PURPOSE

1. This section provides the intervals for the General Visual Inspections (GVI) of each airplane zone to check system/powerplant installations, Electrical Wiring Interconnection System (EWIS) and structure for security and general condition. The zonal inspection is not intended as a quality assurance check for determining proper reassembly of Systems, Components, Structures, or Powerplants.
2. The airplane is subdivided into zones or groups of zones. Each zonal area was reviewed to determine the types of systems and structural items installed and any associated wiring, tubing, ducting, pulleys, quadrants, supports, etc. The likelihood of deterioration of these items, including the effect of the operational environment, was also reviewed.
3. Related GVI tasks from the Systems, Powerplant, and Structures requirements have been transferred to the appropriate Zonal Inspections. These tasks are considered satisfied by performing the zonal inspections.

B. ZONAL INSPECTION REQUIREMENT RULES

1. Each Zonal Inspection consists of a GVI in order to determine the general condition and security of items contained in the Zonal Inspection Requirements. Refer to Appendix C for the definition of a GVI.
2. The extent of a Zonal Inspection is defined by the access required and the instructions provided with the task.
3. Doors and panels opened or removed during the Zonal Inspection, and not having a separately defined zonal task, will receive a GVI.
4. Zones which do not contain system or component installations and which receive adequate inspection from the structures requirements were not assigned a zonal task.
5. Detailed and Special Detailed Inspections are not to be contained within this MPD section. Zonal Inspection Requirements apply only to zones identified herein.
6. The Zonal Inspection requirements and related CPCP requirements are integrated in this section.
7. Implementation of the CPCP as an integrated part of the Zonal Inspection requirements shall occur upon the implementation of this integrated program in its entirety.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

8. Refer to Section 1.E for the CPCP basic task details. The Corrosion Prevention and Control Program (CPCP) requirements have been integrated into the Structural Inspection requirements section of this Report. In addition, some CPCP requirements were precluded by Zonal Inspection requirements contained in the report. A thorough review of a task being considered for escalation must be performed to determine if any CPCP requirements are covered under the subject task. Should any CPCP requirement be part of the task in question, an alternate means of compliance, which provides an acceptable level of safety, may be used when approved by the FAA AIRCRAFT CERTIFICATION OFFICE (ACO).
9. Access to zones should be easily accomplished and should not require the use of special tools. Normally, the inspection aids to be used are a flashlight and/or inspection mirror. The entire visible contents of the zone must be inspected for obvious damage, security of installation, and general condition, including corrosion and leaks.
10. The access information for each zone is intended to serve as a guide during the development of the operator's maintenance program. This may vary from operator to operator based on their access panel configuration, experience and scheduling requirements.
11. Electrical Wiring Interconnection System (EWIS)
The 727 Maintenance Program includes task requirements that comply with Title 14, Code of Federal Regulations (CFR) 26.11(b), titled "Electrical Wiring Interconnection Systems (EWIS) Maintenance Program". This rule requires the development of maintenance and inspection tasks, intervals, and procedures for the airplane's Electrical Wiring Interconnection System (EWIS).

To comply with 14 CFR 26.11(b), an analysis was conducted for each maintenance zone using an "Enhanced Zonal Analysis Procedure" (EZAP) with guidance from Advisory Circular (AC) 25-27. The objective of the EZAP analysis was to identify maintenance and inspection tasks to:

- 1) minimize the accumulation of combustible materials,
- 2) detect EWIS component defects, and
- 3) detect EWIS installation discrepancies that may not be reliably detected by inspections contained in existing maintenance programs.

The term "EWIS" is defined in Appendix C, which includes other terms related to EZAP tasks, such as "Power Feeders" and "Combustible Material". For all other definitions related to EZAP, refer to AC 25-27.

The following task types were created from the EZAP analysis: standard Zonal General Visual Inspections (GVI), stand-alone GVIs, Detailed



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

Inspections (DETs), and Restoration (RST) cleaning tasks.

Zonal tasks that satisfy EZAP Zonal GVI requirements are contained in this section. Additional EZAP requirements consisting of stand-alone GVIs, DETs, and RST tasks are contained in Section 6, Systems and Powerplant Requirements.

All Electrical Wiring Interconnection System (EWIS) requirements approved from the Enhanced Zonal Analysis Procedure (EZAP), are identified with the term "(EZAP)" following the Task Description in the MRB Report. These EZAP tasks are not system specific and do not have a Failure Effect Category.

Some maintenance zones may have multiple EZAP inspection and maintenance requirements. For example, a particular maintenance zone may include an EZAP requirement to perform a standard Zonal GVI, and a separate stand-alone GVI or DET of EWIS. In addition to these inspections, the zone may also include an EZAP requirement to perform a RST (cleaning) task to remove combustible materials.

Standard zonal tasks in this section that are identified as EZAP requirements may include an "Interval Note". The Interval Note documents the interval that was created by the EZAP analysis for a zonal inspection of the EWIS. This is intended as reference information to support future interval optimization considerations. This note is not applicable to EZAP tasks listed in Section 6, Systems and Powerplant Maintenance Program. For example, an existing standard zonal task may have an initial and repeat inspection interval of a 1C. The EZAP analysis may have created a requirement to inspect the EWIS in this zone using a standard zonal GV with an interval of 4C. In this case, the standard zonal task would have an Interval Note that states, "The EZAP inspection requirement with interval of 4C is satisfied by this zonal inspection".

For Operators under U.S. FAA Jurisdiction only:

Operators requesting revisions to the baseline EWIS task or description must submit their request through the cognizant Flight Standards District Office, who may add comments and then forward it to the manager of the appropriate FAA ACO, or office of the Transport Airplane Directorate, having cognizance over the Type Certificate for the affected airplane for concurrence prior to approval. Task intervals may be revised through normal operator approval process.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

For Operators Not under U.S. FAA Jurisdiction:

Operators requesting revisions to the EWIS requirements may revise these tasks and intervals through their normal operator approval process.

C. TASK SUMMARY PAGE FORMAT

COLUMN	EXPLANATION				
MPD ITEM NUMBER	Each task is given a unique MPD number. The first and second digits identify the ATA chapter number. The third, fourth, and fifth digits denote the MRB sequence number. The sixth and seventh digits indicate position or different applicability when needed.				
ZONE	The Zone identifies where the task is performed on the airplane. Zones are defined in Section 3, "Zone Diagrams."				
ACCESS	The access panels or door numbers required to be opened when performing the task. Access panels are defined in Section 4, "Access Doors and Panels".				
INTERVAL	Task intervals are expressed in terms of letter checks.				
APPLICABILITY APL ENG	Applicable Airplane Model and Engine. "NOTE" refers to an explanation under the task description.				
	<table border="1"> <thead> <tr> <th><u>APL</u></th> <th><u>ENG</u></th> </tr> </thead> <tbody> <tr> <td> ALL = All Boeing Model 727 Airplanes FRTR = Freighter Configuration PASS = 727-100/-200 Passenger </td> <td> ALL = All Engines PW = Pratt & Whitney PWJTD8D-7, -15, and -17 </td> </tr> </tbody> </table>	<u>APL</u>	<u>ENG</u>	ALL = All Boeing Model 727 Airplanes FRTR = Freighter Configuration PASS = 727-100/-200 Passenger	ALL = All Engines PW = Pratt & Whitney PWJTD8D-7, -15, and -17
<u>APL</u>	<u>ENG</u>				
ALL = All Boeing Model 727 Airplanes FRTR = Freighter Configuration PASS = 727-100/-200 Passenger	ALL = All Engines PW = Pratt & Whitney PWJTD8D-7, -15, and -17				
LABOR HOURS	Estimated labor hours (per airplane) required to perform the task(s). These labor hours do not include the time required to gain access, position workstands, defuel and purge fuel tanks, troubleshoot, nor correct discrepancies found while performing the task. The labor hour estimates are based on the use of skilled personnel and ready availability of required tools and equipment.				
TASK DESCRIPTION	Description of the task to be performed. Applicability, Access, and Interval notes are listed here to provide additional explanation for the other columns where "NOTE" is used.				



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
								ATA 52: DOORS
52-802-01	2-24	NOTE	1 C	1 C	200	ALL	0.10	External Inspection - Zonal - Forward galley door, at STA 380 - 410 (as seen with lining in place) ACCESS NOTE: Door open. If door is deactivated, open it only at 2C
52-804-01	2-24	NOTE	1 C	1 C	100	ALL	0.10	External Inspection - Zonal - Mid galley door, at STA 632.5 - 680 (as seen with lining in place) ACCESS NOTE: Door open. If door is deactivated, open it only at 2C
52-806-01	2-24	NOTE	1 C	1 C	ALL NOTE	ALL	0.20	External Inspection - Zonal - Emergency exit doors, at STA 720 - 720B, LH and RH (as seen with lining in place) AIRPLANE NOTE: Airplanes with emergency exit doors installed only ACCESS NOTE: Doors open. If door is deactivated, open it only at 2C
52-808-01	2-42	4201	1 C	1 C	ALL	ALL	0.10	External Inspection - Zonal - Forward entry door at STA 312 (as seen with lining in place)
52-810-01	2-46	NOTE	1 C	1 C	ALL	ALL	0.10	External Inspection - Zonal - Aft entry door at STA 1183 ACCESS NOTE: Door open
52-812-01	2-46A	NOTE	1 C	1 C	200	ALL	0.20	External Inspection - Zonal - Aft service door (left and right) at STA 1052 (as seen with lining in place) ACCESS NOTE: Door open. If door is deactivated, open it only at 2C
52-814-01	2-47	4751 4752 4753 4754 NOTE	1 C NOTE	1 C NOTE	ALL	ALL	0.5	Internal Inspection - Zonal - Aft Airstairs and area above ceiling (EZAP) ACCESS NOTE: Lower aft Airstairs INTERVAL NOTE: EZAP requirement with interval of 5C is satisfied by this zonal inspection.
52-816-01	2-48	NOTE	1 C	1 C	FRTR	ALL	0.20	External Inspection - Zonal - Main cargo door at STA 480 - 620 (as seen with lining in place) ACCESS NOTE: Main cargo door open. If door is deactivated, open it only at 2C
52-816-02	2-48	NOTE	1 C	1 C	COMB	ALL	0.20	External Inspection - Zonal - Main cargo door at STA 480 - 620 (as seen with lining in place) ACCESS NOTE: Main cargo door open. If door is deactivated, open it only at 2C
52-818-01	2-49	NOTE	1 C	1 C	ALL	ALL	0.33	External Inspection - Zonal - Escape hatches at STA 772 and STA 837 (as seen with lining in place) ACCESS NOTE: Hatches open



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRESH	REPEAT	APL	ENG		ZONAL MAINTENANCE PROGRAM
								TASK DESCRIPTION
								ATA 53: FUSELAGE
53-802-01	1		1 A	1 A	ALL	ALL	0.50	External Inspection - Zonal - Lower half of fuselage from ground level including all doors
53-804-01	1		1 C	1 C	ALL	ALL	2.00	EXTERNAL - ZONAL (GV): Lower Half of Fuselage External Inspection - Zonal - Lower half of fuselage
53-806-01	1-11	1103 1202 3120 3121 3122 3123 3124 3125	1 C NOTE	1 C NOTE	ALL	ALL	1.5	Internal Inspection - Zonal - Lower Nose Compartment. (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 3C is satisfied by this zonal inspection.
53-808-01	1-12	1202	1 C NOTE	1 C NOTE	ALL	ALL	1	Internal Inspection - Zonal - Electronic Compartment. (EZAP) INTERVAL NOTE: EZAP requirement with an interval 3C is satisfied by this zonal inspection.
53-810-01	1-13	4401 NOTE	1 A	1 A	100	ALL	0.64	Internal Inspection - Zonal - Forward cargo compartment, including number 1 cargo door ACCESS NOTE: No cargo liners removed. Auxiliary fuel tank (if installed) removal not required.
53-810-02	1-13	1502 NOTE	1 A	1 A	200	ALL	0.64	Internal Inspection - Zonal - Forward cargo compartment, including number 1 cargo door ACCESS NOTE: No cargo liners removed. Auxiliary fuel tank (if installed) removal not required.
53-812-01	1-13	1301 1302 1303 1304 1305 1306 1307 1317 1318 4401 NOTE	3 C NOTE	3 C NOTE	100	ALL	2.4	Internal Inspection - Zonal - Interior of forward cargo compartment, including number 1 cargo door. (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required for the number 1 cargo door. ACCESS NOTE: Floor and sidewall panels removed. Cargo door lining removed and insulation displaced as required. Auxiliary fuel tank (if installed) must be displaced or removed. INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
53-812-02	1-13	1301 1302 1303 1304 1305 1306 1307 1317 1318 1502 NOTE	3 C NOTE	3 C NOTE	200	ALL	3.8	Internal Inspection - Zonal - Interior of forward cargo compartment, including number 1 cargo door. (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required for the number 1 cargo door. ACCESS NOTE: Floor and sidewall panels removed. Cargo door lining removed and insulation displaced as required. Auxiliary fuel tank (if installed) must be displaced or removed. INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-814-01	1-13	4401 NOTE	5 C NOTE	5 C NOTE	100 NOTE	ALL	0.3	Internal Inspection - Zonal - Interior of auxiliary fuel tank (if installed) in the forward cargo compartment. (EZAP) AIRPLANE NOTE: 727-100 airplanes with auxiliary fuel tank installed only ACCESS NOTE: Open auxiliary fuel tank cell access panel INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-814-02	1-13	1502 NOTE	5 C NOTE	5 C NOTE	200 NOTE	ALL	0.3	Internal Inspection - Zonal - Interior of auxiliary fuel tank (if installed) in the forward cargo compartment. (EZAP) AIRPLANE NOTE: 727-200 airplanes with auxiliary fuel tank installed only ACCESS NOTE: Open auxiliary fuel tank cell access panel INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-816-01	1-14	1312	1 C NOTE	1 C NOTE	ALL	ALL	0.75	Internal Inspection - Zonal - Air conditioning distribution bay. (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-818-01	1-15	4501 NOTE	1 A	1 A	100	ALL	0.50	Internal Inspection - Zonal - Aft cargo compartment, including the number 2 cargo door ACCESS NOTE: No cargo liners removed. Auxiliary fuel tank(s) (if installed) removal not required.
53-818-02	1-15	1503 1504 NOTE	1 A	1 A	200	ALL	0.70	Internal Inspection - Zonal - Aft cargo compartment, including the number 2 cargo door and number 3 cargo door (if installed) ACCESS NOTE: No cargo liners removed. Auxiliary fuel tank(s) (if installed) removal not required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
53-820-01	1-15	1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 4501 NOTE	3 C NOTE	3 C NOTE	100	ALL	4	Internal Inspection - Zonal - Interior of aft cargo compartment, including the number 2 cargo door. (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required for the cargo door ACCESS NOTE: Floor and sidewall panels removed. Cargo door(s) lining removed and insulation displaced as required. Auxiliary fuel tank(s) (if installed) must be displaced or removed. INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-820-02	1-15	1503 1504 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 NOTE	3 C NOTE	3 C NOTE	200	ALL	4	Internal - Zonal - Interior of aft cargo compartment, including the number 2 cargo door and number 3 cargo door (if installed) (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required for the cargo door(s) ACCESS NOTE: Floor and sidewall panels removed. Cargo door(s) lining removed and insulation displaced as required. Auxiliary fuel tank(s) (if installed) must be displaced or removed. INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-822-01	1-15	4501 NOTE	5 C NOTE	5 C NOTE	100 NOTE	ALL	0.3	Internal Inspection - Zonal - Interior of auxiliary fuel tank(s) (if installed) in the aft cargo compartment. (EZAP) AIRPLANE NOTE: 727-100 airplanes with auxiliary fuel tank(s) installed only ACCESS NOTE: Open auxiliary fuel tank(s) cell access panel INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
53-822-02	1-15	1503 1504 NOTE	5 C NOTE	5 C NOTE	200 NOTE	ALL	0.3	Internal Inspection - Zonal - Interior of auxiliary fuel tank(s) (if installed) in the aft cargo compartment. (EZAP) AIRPLANE NOTE: 727-200 airplanes with auxiliary fuel tank(s) installed only ACCESS NOTE: Open auxiliary fuel tank(s) cell access panel INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-824-01	1-16	1601 NOTE	1 C	1 C	ALL	ALL	0.20	External Inspection - Zonal - Forward stairs and fairing door (if applicable) ACCESS NOTE: Stairs extended
53-826-01	1-31	3101 3102 3103 3104	1 A NOTE	1 A NOTE	ALL	ALL	0.3	External Inspection - Zonal - Nose wheel well and nose landing gear. (EZAP) INTERVAL NOTE: An EZAP requirement with interval of 1C is satisfied by this zonal inspection.
53-828-01	1-32	3208 3217 3218	3 C NOTE	3 C NOTE	ALL	ALL	0.2	Internal Inspection - Zonal - Keel beam area (antenna bays) (EZAP) INTERVAL NOTE: An EZAP requirement with interval 5C is satisfied by this zonal inspection.
53-830-01	1-33	3301 3302 3303 3304 3324 3326	2 C NOTE	2 C NOTE	100	ALL	0.75	Internal Inspection - Zonal - Left air conditioning equipment compartment (EZAP) INTERVAL NOTE: An EZAP requirement with interval 5C is satisfied by this zonal inspection.
53-830-02	1-33	3326 3340 3348 3349 3350 3351 3353 3354 3355 3356 3357 3358	2 C NOTE	2 C NOTE	200	ALL	0.75	Internal Inspection - Zonal - Left air conditioning equipment compartment (EZAP) INTERVAL NOTE: An EZAP requirement with interval 5C is satisfied by this zonal inspection.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRESH	REPEAT	APL	ENG		ZONAL MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-832-01	1-34	3401 3402 3403 3404 3424	2 C NOTE	2 C NOTE	100	ALL	0.75	Internal Inspection - Zonal - Right air conditioning equipment compartment. (EZAP) INTERVAL NOTE: An EZAP requirement with interval 5C is satisfied by this zonal inspection.
53-832-02	1-34	3440 3448 3449 3450 3451 3453 3454 3455 3456 3457 3458	2 C NOTE	2 C NOTE	200	ALL	0.75	Internal Inspection - Zonal - Right air conditioning equipment compartment (EZAP) INTERVAL NOTE: An EZAP requirement with interval 5C is satisfied by this zonal inspection.
53-834-01	1-35	3506 3507	1 A	1 A	ALL	ALL	0.20	External Inspection - Zonal - Left Main Landing Gear and Wheel Well (from ground level)
53-836-01	1-35	3506 3507	1 C NOTE	1 C NOTE	ALL	ALL	0.6	External Inspection - Zonal - Left main landing gear wheel well. (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 1C is satisfied by this zonal inspection.
53-838-01	1-35	3501 3502 3503 3510	1 C NOTE	1 C NOTE	100	ALL	0.25	Internal Inspection - Zonal - Left wing-to-body fairing, aft of the left main landing gear wheel well. (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-838-02	1-35	3514 3515 3519 3523	1 C NOTE	1 C NOTE	200	ALL	0.25	Internal Inspection - Zonal - Left wing-to-body fairing, aft of the left main landing gear wheel well. (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-840-01	1-35	NOTE	4 C	4 C	ALL	ALL	0.20	Internal Inspection - Zonal - Area above pressure deck of left main landing gear wheel well CPC NOTE: Corrosion Prevention and Control Basic Task required ACCESS NOTE: Remove floor panels as required



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
53-842-01	1-36	3606 3607	1 A	1 A	ALL	ALL	0.20	External Inspection - Zonal - Right Main Landing Gear and Wheel Well (from ground level)
53-844-01	1-36	3606 3607	1 C NOTE	1 C NOTE	ALL	ALL	0.6	External Inspection - Zonal - Right main landing gear wheel well. (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 1C is satisfied by this zonal inspection.
53-846-01	1-36	3608	1 C NOTE	1 C NOTE	100	ALL	0.1	Internal Inspection - Zonal - Right wing-to-body fairing, aft of the right main landing gear wheel well. (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-846-02	1-36	3622	1 C NOTE	1 C NOTE	200	ALL	0.1	Internal Inspection - Zonal - Right wing-to-body fairing, aft of the right main landing gear wheel well. (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-848-01	1-36	NOTE	4 C	4 C	ALL	ALL	0.20	Internal Inspection - Zonal - Area above pressure deck of right main landing gear wheel well CPC NOTE: Corrosion Prevention and Control Basic Task required ACCESS NOTE: Remove floor panels as required
53-850-01	1-41	NOTE	1 C	1 C	ALL	ALL	0.10	Internal Inspection - Zonal - Radome ACCESS NOTE: Radome open
53-852-01	1-74	NOTE	4 C	4 C	ALL	ALL	0.40	Internal Inspection - Zonal - area above pressure deck of bladder fuel cell area/tank No. 2 Corrosion Prevention and Control Basic Task required ACCESS NOTE: Remove floor panels as required
53-854-01	2		1 A	1 A	ALL	ALL	0.50	External Inspection - Zonal - Upper half of fuselage including doors from ground level
53-856-01	2		1 C	1 C	ALL	ALL	2.00	External Inspection - Zonal - Upper half of fuselage including doors
53-858-01	2-21 2-22 2-23	4201	1 C	1 C	ALL	ALL	0.50	Internal Inspection - Zonal - Interior of control cabin, STA 178 to STA 302



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
53-860-01	2-21 2-22 2-23	4201 NOTE	4 C NOTE	4 C NOTE	ALL	ALL	1.5	Internal Inspection - Zonal - Interior of control cabin, STA 178 to STA 302. (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task, except to seat tracks. ACCESS NOTE: Remove seats, floor panels, ceiling and sidewall panels as required, without removal of flight control panels/conssoles or electrical panels. Remove wiring bundles raceways cover plates on the floor in left and right sides. Windshield/window removal is not required unless there is indication of corrosion at the structural interface. Insulation blankets displaced as required. INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-862-01	2-24	4201 NOTE	1 A	1 A	FRTR	ALL	0.75	Internal Inspection - Zonal - Interior of main cargo compartment ACCESS NOTE: Cargo liners removal not required
53-862-02	2-24	4201 NOTE	1 A	1 A	COMB	ALL	0.50	Internal Inspection - Zonal - Interior of main cargo compartment ACCESS NOTE: Cargo liners removal not required
53-864-01	2-24	4201 NOTE	1 C	1 C	PASS	ALL	1.00	Internal Inspection - Zonal - Interior of passenger cabin ACCESS NOTE: Furnishings removal not required
53-864-02	2-24	4201 NOTE	1 C	1 C	COMB	ALL	1.00	Internal Inspection - Zonal - Interior of passenger cabin ACCESS NOTE: Furnishings removal not required
53-866-01	2-24 2-42 2-46 2-46A 2-48 2-49	4201 NOTE	4 C NOTE	4 C NOTE	ALL	ALL	7.5	Internal Inspection - Zonal - Interior of passenger cabin/ main cargo compartment. (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required ACCESS NOTE: Galleys, lavatories, and floor, ceiling and sidewall panels removed. Window/metal plug removal is not required unless there is an indication of corrosion in the structural interface. Lining and insulation blankets of all doors displaced as required. Insulation blankets of all areas displaced as required. INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
53-868-01	2-24	4201	1 C	1 C	ALL	ALL	0.17	Internal Inspection - Zonal - Fwd galley unit (if installed)
53-870-01	2-24	4201	1 C	1 C	ALL	ALL	0.17	Internal Inspection - Zonal - Aft galley unit (if installed)



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
53-872-01	2-25	4201 NOTE	1 C NOTE	1 C NOTE	ALL	ALL	0.17	Internal Inspection - Zonal - Forward lavatory compartment. (EZAP) ACCESS NOTE: Open lavatory sink cabinet door INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-874-01	2-26	4201	1 C	1 C	100	ALL	0.17	Internal Inspection - Zonal - Galley units No. 1 and 2
53-876-01	2-27	4201 NOTE	1 C NOTE	1 C NOTE	ALL	ALL	0.17	Internal Inspection - Zonal - Aft left lavatory compartment. (EZAP) ACCESS NOTE: Open lavatory sink cabinet door INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-878-01	2-28	4201 NOTE	1 C NOTE	1 C NOTE	ALL	ALL	0.17	Internal Inspection - Zonal - Aft right lavatory compartment (EZAP) ACCESS NOTE: Open lavatory sink cabinet door INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-880-01	2-37	3750 3752 3753 3756 3757 3758 3901 NOTE	1 C NOTE	1 C NOTE	ALL	ALL	0.5	Internal Inspection - Zonal - Aft Airstairs left equipment area STA 1183 to STA 1342.4 (EZAP) ACCESS NOTE: Open aft Airstairs INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-882-01	2-38	3850 3852 3853 3856 3857 3858 NOTE	1 C NOTE	1 C NOTE	ALL	ALL	0.5	Internal Inspection - Zonal - Aft Airstairs right equipment area STA 1183 to STA 1342.4 (EZAP) ACCESS NOTE: Open aft Airstairs INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
53-884-01	2-39	NOTE	2 C NOTE	2 C NOTE	ALL	ALL	0.1	Internal Inspection - Zonal - Tailskid compartment (EZAP) ACCESS NOTE: 2nd and 3rd steps of Airstairs from the top INTERVAL NOTE: EZAP requirement with an interval of 4C is satisfied by this zonal inspection.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM	
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION	
								ATA 54:Nacelles/Pylons	
54-802-01	4-54		1 A	1 A	ALL	ALL	0.10	External Inspection - Zonal - Engine strut No. 1	
54-804-01	4-54	5401 5402 5403 5404 5405 5406 5407 5408 5409 5410 5411 5412 5413 5414 5415 NOTE	1 C NOTE	1 C NOTE	ALL	ALL	0.4	Internal Inspection - Zonal - Interior of the engine strut No. 1 (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required ACCESS NOTE: Removal of riveted access panels 5408, 5413, and 5414 is not required INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.	
54-806-01	4-55		1 A	1 A	ALL	ALL	0.10	External Inspection - Zonal - Engine strut No. 3	
54-808-01	4-55	5501 5502 5503 5504 5505 5506 5507 5508 5509 5510 5511 5512 5513 5514 5515 NOTE	1 C NOTE	1 C NOTE	ALL	ALL	0.4	Internal Inspection - Zonal - Interior of the engine strut No. 3 (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required ACCESS NOTE: Removal of riveted access panels 5508, 5513, and 5514 is not required INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.	



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
								ATA 55: STABILIZERS
55-802-01	3		1 A	1 A	ALL	ALL	0.25	External Inspection - Zonal - Empennage (from the ground, no additional access panels required)
55-804-01	3		1 C	1 C	ALL	ALL	1.00	External Inspection - Zonal - Empennage CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task, except locally at the exposed portions of the horizontal stabilizer rear spar chords
55-806-01	3-91	9108 9109 9113 9114 9115 9116 9117 9118 9119 9120	2 C NOTE	2 C NOTE	ALL	ALL	0.8	Internal Inspection - Zonal - Left Horizontal Stabilizer - Area between front spar and rear spar, and rear spar cavity. (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required only in the rear spar cavity. INTERVAL NOTE: EZAP requirement with an interval of 4C is satisfied by this zonal inspection.
55-808-01	3-92	9208 9213 9214 9215 9216 9217 9218 9219 9220	2 C NOTE	2 C NOTE	ALL	ALL	0.8	Internal Inspection - Zonal - Right Horizontal Stabilizer - Area between front spar and rear spar, and rear spar cavity (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required only in the rear spar cavity. INTERVAL NOTE: EZAP requirement with an interval of 4C is satisfied by this zonal inspection.
55-810-01	3-95	9505 9506 9507 9508 9509 9510 9511 9512 9513 9514 9515 9526	2 C NOTE	2 C NOTE	ALL	ALL	0.75	Internal Inspection - Zonal - Vertical Stabilizer trailing edge cavity (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
55-812-01	3-95	9501 9502	2 C NOTE	2 C NOTE	ALL	ALL	0.4	Internal Inspection - Zonal - Vertical Stabilizer leading edge area (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
55-814-01	3-95	9504 NOTE	4 C NOTE	4 C NOTE	ALL	ALL	0.5	Internal Inspection - Zonal - Vertical Stabilizer inspar area (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required ACCESS NOTE: Open internal inspar rib access door at fin STA 87.00 INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
55-816-01	3-96	9601 9602 9603 9604 9605 9606 9607 9608	2 C NOTE	2 C NOTE	ALL	ALL	0.33	Internal Inspection - Zonal - Stabilizer trim mechanism compartment (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 3C is satisfied by this zonal inspection.
55-818-01	3-97	9705 9706 9710 9711 9714 9777 9778 9779 9780 NOTE	2 C NOTE	2 C NOTE	ALL	ALL	0.4	Internal Inspection - Zonal - Vertical fin tip (EZAP) ACCESS NOTE: Fin tip fairing removal not required INTERVAL NOTE: EZAP requirement with an interval of 4C is satisfied by this zonal inspection.
55-820-01	3-98	9801 9913 9914	2 C	2 C	ALL	ALL	0.17	Internal Inspection - Zonal - Upper rudder and tab CPC NOTE: Corrosion Prevention and Control Basic Task required
55-822-01	3-99	9901 9911 9912	2 C	2 C	ALL	ALL	0.17	Internal Inspection - Zonal - Lower rudder and tab CPC NOTE: Corrosion Prevention and Control Basic Task required



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
								ATA 57: WINGS
57-802-01	1-74	3401 7401	4 C	4 C	100	ALL	1.00	Internal Inspection - Zonal - Bladder Fuel Cell Area/Tank No. 2 (Left WBL 70.597 - Right WBL 70.597) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task to integral fuel tanks.
57-802-02	1-74	3448 7401	4 C	4 C	200	ALL	1.00	Internal Inspection - Zonal - Bladder Fuel Cell Area/Tank No. 2 (Left WBL 70.597 - Right WBL 70.597) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task to integral fuel tanks.
57-804-01	5	NOTE	1 A	1 A	ALL	ALL	0.17	External Inspection - Zonal - Left wing lower surface from ground level ACCESS NOTE: Slats, leading edge and trailing edge flaps extended
57-806-01	5		1 A	1 A	ALL	ALL	0.08	External Inspection - Zonal - Left wing upper surface (walking the wing)
57-808-01	5	NOTE	1 C	1 C	ALL	ALL	1.25	External Inspection - Zonal - Left wing upper and lower surfaces ACCESS NOTE: Slats, leading edge and trailing edge flaps extended, spoilers raised
57-810-01	5-61	6140 6141	5 C NOTE	5 C NOTE	ALL	ALL	0.08	Internal Inspection - Zonal - Left wing tip (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
57-812-01	5-62	6212 6214 6220 6222 6224 6227 6229 6231 6237 6239 6241 6243 6248 6249 NOTE	2 C	2 C	ALL	ALL	1.00	Internal Inspection - Zonal - Left wing - Outboard wing leading edge (including slats No. 1, 2, 3, 4) - WS 332.50 - WS 790 ACCESS NOTE: Slats in full extended position



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRESH	REPEAT	APL	ENG		ZONAL MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-814-01	5-63	6301 6302 NOTE	2 C	2 C	ALL	ALL	0.40	Internal Inspection - Zonal - Left wing - Inboard wing leading edge (including leading edge flaps No. 1, 2, 3) - WBL 70.597 - WS 332.50 ACCESS NOTE: Leading edge flaps extended
57-816-01	5-71	7101 7102 7103	5 C NOTE	5 C NOTE	ALL	ALL	0.33	Internal Inspection - Zonal - Left wing surge tank (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task. INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
57-818-01	5-72	7201 7202 7203 7204 7205 7206 7207 7208 7209 7210 7211 7212 7213 7214 7215 7216 7217 7218 NOTE	5 C	5 C	ALL	ALL	1.00	Internal Inspection - Zonal - Left wing main fuel tank No. 1 CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task. ACCESS NOTE: Open as required
57-820-01	5-73	6303 7301 7302 7340 NOTE	5 C	5 C	ALL	ALL	0.50	Internal Inspection - Zonal - Left wing integral section fuel tank No. 2 (WBL 70.597 - WS 224.50) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task. ACCESS NOTE: Open as required
57-822-01	5-81	8108 8110 8111 8112 8150 8151	2 C	2 C	ALL	ALL	0.25	Internal Inspection - Zonal - Left wing trailing edge, outboard aileron and control tab



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
57-824-01	5-83	8311 8312 8341	2 C NOTE	2 C NOTE	ALL	ALL	0.2	Internal Inspection - Zonal - Left wing trailing edge, inboard aileron and control tab (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
57-826-01	5-84	8405 8406 NOTE	2 C NOTE	2 C NOTE	ALL	ALL	0.3	Internal Inspection - Zonal - Left wing trailing edge, inboard flap and spoilers No. 5 thru 7 - area from rear spar to landing gear support beam (EZAP) ACCESS NOTE: Landing gear doors open, trailing edge flaps extended, spoilers raised INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
57-828-01	6	NOTE	1 A	1 A	ALL	ALL	0.17	External Inspection - Zonal - Right wing lower surface from ground level ACCESS NOTE: Slats, leading edge and trailing edge flaps extended
57-830-01	6		1 A	1 A	ALL	ALL	0.08	External Inspection - Zonal - Right wing upper surface (walking the wing)
57-832-01	6	NOTE	1 C	1 C	ALL	ALL	1.25	External Inspection - Zonal - Right wing upper and lower surfaces ACCESS NOTE: Slats, leading edge and trailing edge flaps extended, spoilers raised
57-834-01	6-64	6401 6402 NOTE	2 C	2 C	ALL	ALL	0.40	Internal Inspection - Zonal - Right wing - Inboard wing leading edge (including leading edge flaps No. 4, 5, 6) - WBL 70.597 - WS 332.50 ACCESS NOTE: Leading edge flaps extended
57-836-01	6-65	6512 6514 6520 6522 6524 6527 6529 6531 6537 6539 6541 6543 6548 6549 NOTE	2 C	2 C	ALL	ALL	1.00	Internal Inspection - Zonal - Right wing - Outboard wing leading edge (including slats No. 5, 6, 7, 8) - WS 332.50 - WS 790 ACCESS NOTE: Slats in full extended position



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
57-838-01	6-66	6640 6641	5 C NOTE	5 C NOTE	ALL	ALL	0.08	Internal Inspection - Zonal - Right wing tip (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
57-840-01	6-75	6403 7501 7502 7540 NOTE	5 C	5 C	ALL	ALL	0.50	Internal Inspection - Zonal - Right wing integral section fuel tank No. 2 (WBL 70.597 - WS 224.50) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task. ACCESS NOTE: Open as required
57-842-01	6-76	7601 7602 7603 7604 7605 7606 7607 7608 7609 7610 7611 7612 7613 7614 7615 7616 7617 7618 NOTE	5 C	5 C	ALL	ALL	1.00	Internal Inspection - Zonal - Right wing main fuel tank No. 3 CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task. ACCESS NOTE: Open as required
57-844-01	6-77	7701 7702 7703	5 C NOTE	5 C NOTE	ALL	ALL	0.33	Internal Inspection - Zonal - Right wing surge tank (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task. INTERVAL NOTE: EZAP requirement with an interval of 5C is satisfied by this zonal inspection.
57-846-01	6-85	8505 8506 NOTE	2 C NOTE	2 C NOTE	ALL	ALL	0.3	Internal Inspection - Zonal - Right wing trailing edge, inboard flap and spoilers No. 8 thru 10 - area from rear spar to landing gear support beam (EZAP) ACCESS NOTE: Landing gear doors open, trailing edge flaps extended, spoilers raised INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
57-848-01	6-86	8611 8612 8641	2 C NOTE	2 C NOTE	ALL	ALL	0.2	Internal Inspection - Zonal - Right wing trailing edge, inboard aileron and control tab (EZAP) INTERVAL NOTE: EZAP requirement with an interval of 2C is satisfied by this zonal inspection.
57-850-01	6-88	8808 8810 8811 8812 8850 8851	2 C	2 C	ALL	ALL	0.25	Internal Inspection - Zonal - Right wing trailing edge, outboard aileron and control tab



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRESH	REPEAT	APL	ENG		ZONAL MAINTENANCE PROGRAM
								TASK DESCRIPTION
								ATA 71: POWERPLANT
71-802-01	4-51		1 A	1 A	ALL	ALL	0.20	External Inspection - Zonal - Engine No. 1 nose cowling, removable side cowling, fixed cowling, thrust reverser cowling, intake and exhaust areas
71-804-01	4-51	5102 5103	1 A NOTE	1 A NOTE	ALL	ALL	0.75	Internal Inspection - Zonal - Engine No. 1 and inside surfaces of engine cowling. (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task to high temperature areas or cowling structure. INTERVAL NOTE: EZAP requirement with an interval of 1C is satisfied by this zonal inspection.
71-806-01	4-51	NOTE	1 C	1 C	ALL	ALL	0.25	External Inspection - Zonal - Engine No. 1 - thrust reverser ACCESS NOTE: Thrust reverser deployed
71-808-01	4-51	5113	1 C	1 C	ALL	ALL	0.08	Internal Inspection - Zonal - Engine No. 1 nose cowling
71-810-01	4-52		1 A	1 A	ALL	ALL	0.20	EXTERNAL - ZONAL (GV): Engine No. 2 Removable Side Cowling, Thrust Reverser Cowling, Intake and Exhaust External Inspection - Zonal - Engine No. 2 removable side cowling, thrust reverser cowling, intake and exhaust areas
71-812-01	4-52	NOTE	1 A NOTE	1 A NOTE	ALL	ALL	0.75	Internal Inspection - Zonal - Engine No. 2 and inside surfaces of engine cowling (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task to high temperature areas or cowling structure. ACCESS NOTE: Forward and aft engine No. 2 cowl panels open INTERVAL NOTE: EZAP requirement with an interval of 1C is satisfied by this zonal inspection.
71-814-01	4-52	NOTE	1 C	1 C	ALL	ALL	0.25	External Inspection - Zonal - Engine No. 2 - thrust reverser ACCESS NOTE: Thrust reverser deployed
71-816-01	4-52	5202 5203 5204 5205 5206 5210 5211 5220 5221 5222	1 C	1 C	ALL	ALL	0.33	Internal Inspection - Zonal - Engine No. 2 - Fin to body fairing area CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task to high temperature areas or cowling structure.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 ZONAL MAINTENANCE PROGRAM
			THRESH	REPEAT	APL	ENG		TASK DESCRIPTION
71-818-01	4-53		1 A	1 A	ALL	ALL	0.20	External Inspection - Zonal - Engine No. 3 nose cowling, removable side cowling, fixed cowling, thrust reverser cowling, intake and exhaust areas
71-820-01	4-53	5302 5303	1 A NOTE	1 A NOTE	ALL	ALL	0.75	Internal Inspection - Zonal - Engine No. 3 and inside surfaces of engine cowling (EZAP) CPC NOTE: Corrosion Prevention and Control Basic Task required. Do not apply item 6 of the Basic Task to high temperature areas or cowling structure. INTERVAL NOTE: EZAP requirement with an interval of 1C is satisfied by this zonal inspection.
71-822-01	4-53	NOTE	1 C	1 C	ALL	ALL	0.25	External Inspection - Zonal - Engine No. 3 - thrust reverser ACCESS NOTE: Thrust reverser deployed
71-824-01	4-53	5313	1 C	1 C	ALL	ALL	0.08	Internal Inspection - Zonal - Engine No. 3 nose cowling



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

SECTION 8. STRUCTURES MAINTENANCE PROGRAM

A. GENERAL	8.0-3
B. INTRODUCTION.....	8.0-3
C. STRUCTURES PROGRAM RULES	8.0-4
D. ENVIRONMENTAL DAMAGE/CORROSION PREVENTION AND CONTROL PROGRAM.....	8.0-4
E. STRUCTURAL SIGNIFICANT ITEMS (SSI)	8.0-4
F. TASK SUMMARY PAGE FORMAT	8.0-10
STRUCTURES TASKS.....	8.1-1



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

A. GENERAL

The Structural Inspection requirements described herein are intended to serve as a guide to operators for developing scheduled maintenance programs for the Boeing Model 727-100/-200 airplane and is presented in ATA sequence/order as shown below:

ATA 32 - Landing Gear

ATA 52 - Doors

ATA 53 - Fuselage

ATA 54 - Pylons

ATA 55 - Stabilizers

ATA 57 - Wings

B. INTRODUCTION

1. This section of the MPD identifies scheduled maintenance requirements for the Structures Inspection Program. This program was developed using MSG-3 Revision 2 process and logic along with service experience, and is designed to provide timely detection of reduced failure resistance caused by accidental and environmental damage which may occur in the fleet during normal operations. This is damage due to corrosion, stress corrosion, and minor accidental damage events considered as undetected. Inspection is by visual and/or Non-Destructive Inspection (NDI) procedures. Major accidental damage is not covered in this program.
2. This baseline program is intended to serve as a guide for operators to develop individual structural inspection programs. The tasks listed herein constitute the initial minimum scheduled requirements for all Boeing Model 727-100/-200 airplanes as baseline qualified per the referenced baseline conditions in Section 1. Modification of a subject airplane may void the effectiveness of this program.

NOTES:

- a. Tasks for detecting damage using visual and/or Non-Destructive Inspection (NDI) procedures are specified in this program.
- b. After discrepancies are found, repair, modification action, inspection program adjustment or reporting to Boeing or the Regulatory Authority may be required to assure continuing Airworthiness of the baseline airplane as prescribed herein.
- c. Task definitions are contained in Appendix C.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

C. STRUCTURES PROGRAM RULES

1. The Structures Inspection requirements and related Corrosion Prevention and Control Program (CPCP) requirements are integrated in this section.
2. Implementation of the CPCP as an integrated part of the Structures Inspection requirements shall occur upon the implementation of this program in its entirety.
3. Refer to Section 1.E of this document for CPC Basic Task details. The Corrosion Prevention and Control Program (CPCP) requirements have been integrated into the Structural Inspection requirements section of this Report. In addition, some CPCP requirements were precluded by Zonal Inspection requirements contained in the report. A thorough review of a task being considered for escalation must be performed to determine if any CPCP requirements are covered under the subject task. Should any CPCP requirement be part of the task in question, an alternate means of compliance, which provides an acceptable level of safety, may be used when approved by the FAA AIRCRAFT CERTIFICATION OFFICE (ACO)

D. ENVIRONMENTAL DAMAGE/CORROSION PREVENTION AND CONTROL PROGRAM

Description and Reporting Requirements of the Corrosion Prevention and Control Program.

1. The Boeing Model 727-100/-200 CPCP is an integral part of the Structures Inspection requirements. All tasks in the Structures Inspection program require the application of the CPCP basic task at the specified intervals. The objective of the CPCP is to control corrosion found on all structure listed in the Structures Inspection Program to Level 1 or better. The corrosion levels are described in Appendix C.
2. All Level 2 or 3 corrosion findings detected during any maintenance opportunity shall be reported to the Seattle Airplane Certification Office (ACO).
Level 2 Corrosion Findings: For second or subsequent findings, submit a report to the Seattle ACO within 60 days on proposed corrective action to reduce corrosion to level 1 or better.
Level 3 Corrosion Findings: Report a finding to the Seattle ACO within 7 days and submit a proposal to inspect the corresponding task or the operator's remaining fleet.

E. STRUCTURAL SIGNIFICANT ITEMS (SSI)

All SSI's identified by the Manufacturer have been subjected to the MSG-3 analysis. This process has resulted in the identification of maintenance inspection tasks which are contained in this Document. The SSI's listed in the following pages are those that were subjected to MSG-3 analysis.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

32	LANDING GEAR
32-11-01	Main landing gear Assembly - Left
32-11-01	A Main landing gear Assembly - Right
32-21-01	Nose landing gear Assembly
52	DOORS
52-00-01A	No. 1 Cargo Compartment Door
52-00-01B	No. 2 Cargo Compartment Door.
52-00-01C	No. 3 Cargo Door.
52-00-02	Fuselage Upper Deck Cargo Door.
52-11-01	Forward Entry Door.
52-12-01	Forward Galley Door.
52-12-02	Aft Galley Door. (-200 only R/H side)
52-12-03	Mid Galley Door (-100/-100C only R/H side).
52-13-01	Aft Entry Door at BS 1183.
52-14-01	Aft Service Door at STA 1052.
52-21-01	Over-wing Emergency Exit Doors (Hatches).
52-40-01A	Electronic Equipment Access Door.
53	FUSELAGE
53-10-01	Fuselage Keel Beam from BS 740 to BS 870.
53-10-01A	Fuselage Keel Beam from BS 870 to BS 950.
53-10-02	Upper and lower torque box from BS 1183 to BS 1283 at aft air stair left and right equipment area.
53-10-03	Fuselage external skin panels including Longitudinal and circumferential skin Lap Splices joints from BS 178 to BS 680 from S-17 L/R to bottom center line.

53-10-03A	Fuselage external skin panels including Longitudinal and circumferential skin Lap Splices joints from BS 680 to BS 950 from S-17 L/R to bottom center line.
53-10-03B	Fuselage external skin panels including Longitudinal and circumferential skin Lap Splices joints from BS 950 to BS 1183 from S-17 L/R to bottom center line.
53-10-03C	Fuselage external skin panels including Longitudinal and circumferential skin Lap Splices joints from BS 178 to BS 680 above S-17 L/R to the upper center line.
53-10-03D	Fuselage external skin panels including Longitudinal and circumferential skin Lap Splices joints from BS 680 to BS 950 above S-17 L/R to the upper center line.
53-10-03E	Fuselage external skin panels including Longitudinal and circumferential skin Lap Splices joints from BS 950 to BS 1183 above S-17 L/R to the upper center line.
53-10-03F	Fuselage external skin panels including Longitudinal and circumferential skin Lap Splices joints from BS 1183 to BS 1343.
53-10-04	Fuselage Skin Under Wing-to-Body Fairing (Covered by 53-10-03A and -03B)
53-10-05	Lower Lobe Skin (Covered by 53-10-03, 03A, 03B and 03C)
53-10-06	Stringer 18A from BS 825 to BS 950 +11.4 and Skin around Stringer 18A at BS 870
53-10-07	Fuselage Internal and External Skin Circumferential Butt Joint at BS 521 from S-3L to S-4R (-100 Cargo Aircraft Only)
53-10-08	Fuselage Internal Skin Circumferential Butt Joint at BS 521 (Cargo Aircraft Only)
53-11-01	Fuselage Bulkhead at BS 178 (forward pressure)
53-11-02	Fuselage Bulkhead at BS 227.8
53-11-03	Fuselage Bulkhead at BS 259.5
53-11-04	Fuselage Bulkhead at BS 294.5



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

53-11-05	Fuselage Bulkhead at BS 351.2
53-11-06	Fuselage Bulkhead at BS 740
53-11-07	Fuselage Bulkhead at BS 870
53-11-08	Fuselage bulkhead, chord and pressure panels, beams at BS 950
53-11-09	Fuselage Bulkhead and Pressure Panels at BS 1183
53-11-10	Forward Upper Fuselage Frames and stringer/frame attachments at BS 259.5 to BS 740.
53-11-10A	Forward Lower Fuselage Frames and stringer/frame attachments at BS 259.5 to BS 740
53-11-11 AFT	Upper Fuselage Frames and stringer/frame attachments at BS 950 to BS 1183.
53-11-11A AFT	Lower Fuselage Frames and stringer/frame attachments at BS 950 to BS 1183.
53-11-12	Over Wing Stub Frames and stringer /frame attachments at BS 740 to BS 950.
53-11-13	Upper Fuselage Frames and stringer/frame attachment from BS 740 to BS 950.
53-11-14	DELETED (combined with -10, -10A, -11, -11A, -12 and -13)
53-11-15	Fuselage section 48 typical frames at BS 1203, 1223, 1243, 1263, 1283, 1303 and 1323 Between Upper Torque Box and Lower Torque Box.
53-11-16	Body Station 1342 bulkhead
53-11-17	Aft Lower Body Bonded Skin Panels, BS 950 to BS 1183 from S-27L to S-27R
53-12-01	Fuselage Skin and Stringer Circumferential Splices at BS 360 from Stringer S-10L to S-10R.
53-12-01A	Fuselage Skin and Stringer Circumferential Splices at BS 740 from Stringer S-10L to S-10R.

53-12-01B	Fuselage Skin and Stringer Circumferential Splices at BS 870 from Stringer S-10L to S-10R.
53-12-01C	Fuselage Skin and Stringer Circumferential Splices at BS 1183 from Stringer S-10 to S-10R.
53-12-02	Fuselage Crown Skin and Stringers from BS 259.5 to BS 1183 between S-10R and S-10L
53-13-01	Emergency Exit Hatch Cutout
53-13-02	Electronic Access Door Cutout
53-13-03	Fuselage Lower lobe #1 Cargo Door Cutout
53-13-03A	Fuselage Lower lobe #2 Cargo Door Cutout
53-13-03B	Fuselage Lower Lobe Number 3 Cargo Door Cutout
53-13-04	Fuselage Upper Deck Cargo Door Cutout
53-13-05	Forward Entry Door Cutout (with air stair)
53-13-06	Forward Entry Door Cutout (without air stair)
53-13-07	Forward Galley Door Cutout
53-13-08	Mid Galley Door Cutout
53-13-09	Aft Service Door Cutout
53-13-10	Forward Access Door Cutout
53-13-11	Aft Galley Door Cutout (-200 only)
53-13-12	Emergency Exit Door Cutout (-200 only)
53-13-13	Skin at Corners of Window Forgings
53-13-14	Skin at Corners of Miscellaneous Access Door Cutouts
53-13-15	Window forgings
53-14-01	Horizontal Pressure Deck (above main wheel well) from BS 880 to BS 940



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

53-14-02	Nose Landing Gear Wheel Well Top Panel Stiffener from BS 227.8 to BS 259.5
53-14-03	Fuselage Skin, Horizontal Walkway Beam and Chords at intersection with the Nose Landing Gear Wheel Well
53-17-01	Crew Cabin A-B, C-D posts and E-F posts.
53-20-01	Fuselage Floor Beams Over Main Landing Wheel Well from BS 870 to BS 950
53-20-01A	Fuselage Floor Beams from BS 178 to BS 360
53-20-01B	Fuselage Floor Beams from BS 360 to BS 480
53-20-01C	Fuselage Floor Beams from BS 480 to BS 740
53-20-01D	Fuselage Floor Beams from BS 740 to BS 870
53-20-01E	Fuselage Floor from BS 950 to BS 1183
54	NACELLES / PYLONS
54-11-01	Engine No. 1 Strut Internal Structure
54-11-01A	Engine No. 1 Fwd and Aft Mounts
54-11-02	Engine No. 2 (Center Engine) Support Structure
54-11-02A	Engine No. 2 (Center Engine) Fwd and Aft Mounts and thrust links
54-11-03	Engine No. 2 (Center Engine) Inlet duct and S-duct
54-11-04	Engine No. 3 Strut Internal Structure
54-11-04A	Engine No. 3 Fwd and Aft Mounts
55	STABILIZERS
55-10-01	Horizontal Stabilizer Center Section Rear Spar Upper Chord from LBBL 14.0 to RBBL 14.0.
55-10-02	Horizontal Stabilizer Center Section Rear Spar Hinge Pin Ribs at BBL 12.5 Left and Right
55-10-03	Horizontal Stabilizer Center Section Front Spar Forging from LBBL 14.0 to RBBL 14.0.

55-10-04	Horizontal Stabilizer Center Section Jackscrew
55-10-05	Horizontal Stabilizer Center Section Jackscrew Support Arms at exposed areas of upper and lower support arms.
55-10-06	Horizontal Stabilizer Center Section Jackscrew Gimbal Support Fitting (fitting surfaces at jackscrew support arm attachment).
55-10-07	Horizontal Stabilizer Center Section Hinge Pins at LBBL 14.0 to RBBL 14.0
55-10-08	Horizontal Stabilizer Rear Spar Upper Chord.
55-10-09	Horizontal Stabilizer Rear Spar Upper Chord Splice at SS 41.29.
55-10-10	Horizontal Stabilizer Front Spar Upper Chord from side-of-body to SS 216.28
55-10-11	Horizontal Stabilizer Front Spar Upper Terminal Lug.
55-10-12	Horizontal Stabilizer Closer Rib at LBL 14.0 and RBL 14.0 where the closer rib lower chord attaches to the center section fitting).
55-10-13	Horizontal Stabilizer Rib Upper Chord.
55-10-14	Horizontal Stabilizer Upper Surface Skin.
55-20-01	Horizontal Stabilizer Elevator Hinge Support Ribs.
55-20-02	Elevator Hinge Fittings.
55-20-03	Elevator Front Spar Actuator Fitting Hinge Lug and Horizontal Flange.
55-30-01	Fin Rear Spar Chord and Skin at FS 0-300.
55-30-02	Fin Rear Spar Joint at FS 87 Rib shear tie box.
55-30-03	Fin Rear Spar at BS 1342 Bulkhead and Torque Box.
55-30-04	Fin Front Spar Chord and web.
55-30-05	Fin Lower Front Spar Bulkhead from BS 1183 to 1270
55-30-06	Fin Front Spar Bulkhead Upper Splice at the Bulkhead-to-Spar Splice location.

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

55-30-07	Fin Front Spar Upper Terminal Fittings (visible through access hole in the stabilizer trim.)
55-30-08	Fin skin and stringers-Typical (from S-1 through S-11) and from upper torque box to FS 242.0.
55-30-09	Fin Typical Ribs from the front spar to the rear spar, FS 6.4 to FS 204.0
55-30-10	Fin Upper Closer Rib at FS 296.
55-30-11	Fin Upper Stabilizer Hinge Fitting (INBD and OUTBD hinge lug of LH and RH Stabilizer hinge bearing support).
55-30-12	Fin Tension Tie Rib (all exposed area except Lugs)
55-30-13	Fin Rudder Support Ribs
55-40-01	Rudder Tab Actuator Support Fitting
55-40-02	Upper and Lower Rudder Tab Rod Support Fitting
55-40-03	Rudder Hinge Support Fitting
55-40-04	Rudder Auxiliary Power Support Fitting at Fin Station 145
55-50-01	Lower Jackscrew Support Fitting
57	WINGS
57-11-01	Wing BBL 70.5 Rib.
57-11-02	Wing Rear Spar Upper Chord, Web and Skin.
57-11-03	Wing Rear Spar Lower Chord, Web and Skin.
57-11-04	Wing Front Spar Lower Chord, Web, and Skin.
57-11-05	Wing Front Spar Upper Chord, Web and Skin.
57-11-06	Wing Rear Spar Lower Chord at Flap Tracks (WBL 124 at and away from Tank end Rib, WBL 203 and 348).
57-11-07	Wing Lower Typical Stringers and Skin
57-11-08	Wing Upper Typical Stringers and Skin

57-11-09	Wing Lower Stringer Run outs.
57-11-10	Wing Upper Stringer Run outs.
57-12-01	Wing Rib Chords, Shear Ties and Rib-to-Stringer Joints (upper and lower).
57-13-01	Wing Upper Panel Splice Stringer (Skin and splice stringer S-17 from WS 277.5 to Stringer outboard end WS 446)
57-14-01	Wing Center Section Lower Rear Spar Chord, Web, and Skin (side of body to side of body)
57-14-02	Wing Center Section Rear Spar Upper Chord, Web, and Skin (side of body to side of body)
57-14-03	Wing Center Section Front Spar Lower Chord, Web, and Skin (side of body to side of body)
57-14-04	Wing Center Section Front Spar Upper Chord, Web, and Skin (side of body to side of body).
57-14-05	Wing Center Section Lower Typical Stringers (Rear spar to S-11 side of body to side of body).
57-14-06	Wing Center Section Upper Panel Stringers and Skin (side of body to side of body).
57-14-07	Wing Center Section Lower Splice Stringer (side of body to side of body, S-5 and S-9).
57-30-01	Wing Lower Skin at BBL 70.5 Splice. (Rear Spar to S-11 INBD and OUTBD of BBL 70.5).
57-30-02	Wing Upper Surface at BBL 70.5 Splice (Rear Spar to front spar INBD and OUTB of BBL 70.5)
57-30-03	Wing-to-Body Joint at BBL 70.5 From BS 755 to BS 850.
57-30-04	Wing Front Spar Terminal Fittings and adjacent spar chords, skin, web and splice fittings (INBD and OUTB of BBL 70.5 Upper and lower splices)
57-30-05	Wing Lower Surface Boost Pump Cutouts, Stringers and Skin from WS 171 to WS 304).



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

57-30-06	Wing Lower Surface Span wise Splices from BBL 70.5 to WS 519.
57-30-07	Wing Lower Surface Access cutouts, Stringers and Skin (WS 251 to WS 519)
57-41-01	Wing Front Spar Terminal Fitting Bottle Pin
57-41-02	Wing Rear Spar Terminal Fittings (Upper spar chord splice and bottle pin housing Inbd and Outbd of BBL 70.5).
57-41-03	Wing Rear Spar Terminal Fitting Bottle Pin
57-52-01	Trailing Edge Flaps.
57-52-02	Wing Trailing Edge Flap Tracks
57-52-03	Flap Track Carriages and Support Fittings
57-52-04	Lower Skin around Flap Track attach points (at inboard Flap Outboard Track and Outboard Flap Inboard and Outboard Tracks)

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

F. TASK SUMMARY PAGE FORMAT

COLUMN	EXPLANATION
MRBR ITEM NUMBER	Each task is identified with a unique number. The first 2 digits correspond to the appropriate ATA Chapter that deals generally with the task. The last 3 digits were assigned in a sequential order to identify multiple tasks in the same ATA chapter.
DESCRIPTION	Description of the task to be performed. (External if access limited by removing a fairing or opening an access hatch). Task, Applicability and Interval notes are listed to provide additional explanation for the other columns where "NOTE" is issued.
TASK	<u>MSG-3 TASK CATEGORIES</u>
	GVI = GENERAL VISUAL INSPECTION
	DET = DETAILED INSPECTION
	SDI = SPECIAL DETAILED INSPECTION
	RST = RESTORATION
	DIS = DISCARD
INTERVAL	Task intervals specified in terms of flight hours, cycles, calendar time, or letter check. "NOTE" refers to an explanation under the task description.
	CYC = Airplane Flight Cycles ENG CYC = Engine Cycles
	HRS = Airplane Flight Hours ENG CNG = Engine Change
	YRS = Years APU CNG = APU Change
ZONE	Zone location of Inspection/Maintenance Action area per the Boeing Model 727-100/-200 zone system



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
								ATA 32: LANDING GEAR
32-405-01	1-31	3101 3102 3103 3104	NOTE	NOTE	ALL	ALL	25.00	<p>External - General Visual Inspection of the Nose Landing Gear Assembly, including: Fittings, Lugs, Lug Bores, Bolts, Pins, Steering Actuator Trunnion, Lock Actuator Trunnion, Release Torsion Shaft Task Note: Lubricate after washing.</p> <p>INTERVAL NOTE: (1) Normal overhaul procedures, applied at intervals not exceeding 10 years or 16,000 flight cycles, whichever comes first, are adequate to control corrosion at safe levels on landing gear components. Therefore, application of the basic task and reporting is not required on these components. (2) If note 1 is not satisfied, application of the basic task and reporting of findings are required at intervals not exceeding 10 years or 16,000 flight cycles, whichever comes first, with Landing Gear components removed from the airplane and disassembled as required for the basic task.</p>
32-410-01	1-35 1-36	3506 3507 3606 3607	NOTE	NOTE	ALL	ALL	100.00	<p>External - General Visual Inspection of the Main Landing Gear Assembly, including: fittings, lugs, lug bores, bolts, pins, drag strut fuse bolt, trunnion link internal spline, side strut swivel clevis, extension yoke bolts, upper torsion link pivot shaft. Task Note: Lubricate after washing.</p> <p>INTERVAL NOTE: (1) Normal overhaul procedures, applied at intervals not exceeding 10 years or 16,000 flight cycles, whichever comes first, are adequate to control corrosion at safe levels on landing gear components. Therefore, application of the basic task and reporting is not required on these components. (2) If note 1 is not satisfied, application of the basic task and reporting of findings is required at intervals not exceeding 10 years or 16,000 flight cycles, whichever comes first, with Landing Gear components removed from the airplane and disassembled as required for the basic task.</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
32-415-01	1-35 1-36	3506 3507 3606 3607	NOTE	NOTE	ALL	ALL	50.00	<p>External - General Visual Inspection: Main Gear Drag Strut. Task Note: Lubricate after washing. Do not apply water displacing/anti-corrosion compounds to the landing gear, except for the drag strut.</p> <p>INTERVAL NOTE: (1) Normal overhaul procedures, applied at intervals not exceeding 10 years or 16,000 flight cycles, whichever comes first, are adequate to control corrosion at safe levels on landing gear components. Therefore, application of the basic task and reporting is not required on these components. (2) If note 1 is not satisfied, application of the basic task and reporting of findings is required at intervals not exceeding 10 years or 16,000 flight cycles, whichever comes first, with Landing Gear components removed from the airplane and disassembled as required for the basic task.</p>
32-420-01	1-35 1-36	3506 3507 3606 3607	NOTE	NOTE	ALL	ALL	50.00	<p>External - General Visual Inspection: Main Gear Trunnion Link/Shock Strut. Task Note: Lubricate after washing.</p> <p>INTERVAL NOTE: (1) Normal overhaul procedures, applied at intervals not exceeding 10 years or 16,000 flight cycles, whichever comes first, are adequate to control corrosion at safe levels on landing gear components. Therefore, application of the basic task and reporting is not required on these components. (2) If note 1 is not satisfied, application of the basic task and reporting of findings per section D is required at intervals not exceeding 10 years or 16,000 flight cycles, whichever comes first, with Landing Gear components removed from the airplane and disassembled as required for the basic task.</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
								ATA 52: DOORS
52-700-01	1 2-42 2-46A 2-48 2-49		18 MO	18 MO	ALL NOTE	ALL	4.00	External - General Visual Inspection: Exterior of the door skins. TASK NOTE: Inspect Fuselage Upper Deck Cargo Door and Forward Entry Door with door open. CPC NOTE: Do not item 6 of the basic task. AIRPLANE NOTE: Inspection of the number 3 Cargo Compartment Door and Aft Galley Door applicable to -200 aircraft only. Inspection of the Mid Galley Door and cutout applicable to -100/-100C aircraft only. Inspection of the Fuselage Upper Deck Cargo Door applicable to Boeing manufactured doors only.
52-705-01	1	NOTE	6 YR	6 YR	ALL	ALL	1.50	Internal - General Visual Inspection: Interior structure of the lower lobe doors - (except cargo doors). ACCESS NOTE: As visible with lining removed.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
								ATA 53: FUSELAGE
53-005-01	1-14	1311 1312 1313 1314 1315 6302 6402	3 YR	3 YR	ALL	ALL	12.00	Internal- Detailed Inspection: Fuselage Bulkhead at BS 740, including: bulkhead chord, chord flange, stringers, clip, terminal fitting.
53-010-01	1-15	3750 3751 3752 3753 3850 3851 3852 3853	3 YR	3 YR	ALL	ALL	16.00	Internal- Detailed Inspection: Fuselage Bulkhead at BS 1183, including: pressure web, bulkhead beams, chords, lug and tension angle, strap and stiffener forward flange TASK NOTE: Inspection applicable to stringers S-26 and below.
53-015-01	2-37 2-38	3750 3751 3752 3753 3850 3851 3852 3853	5 YR	5 YR	ALL	ALL	16.00	Internal- Detailed Inspection: Fuselage Bulkhead at BS 1183, including: bulkhead pressure web aft side, bulkhead beams and chord
53-020-01	1-13	1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 NOTE	3 YR	3 YR	ALL	ALL	16.00	Internal- Detailed Inspection: Forward Lower Fuselage Frames and Stringer-to-Frame attachments from BS 480 to BS 680, including: frames, stringers, lining attach holes, frame cutouts TASK NOTE: Inspection applicable to Stringers S-26, left and right. ACCESS NOTE: Remove panels and lining as required.

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-025-01	1-13 1-14	1308 1309 1310 1311 1312 1313 1314 1315 NOTE	3 YR	3 YR	ALL	ALL	8.00	<p>Internal- Detailed Inspection: Forward Lower Fuselage Frames and Stringer-to-Frame attachments at BS 680 to BS 740, including: frames and stringers, lining attach holes, frame cutouts, reinforced frames and thrust link intercostals between STR-19 and STR-24 and from BS 720 to 720D when auxiliary fuel modules are installed.</p> <p>ACCESS NOTE: Forward and aft cargo compartments and air conditioning bay. Remove aux. fuel module(s) if installed. Remove sidewall lining and access panels as required.</p>
53-030-01	1-15	1503 NOTE	3 YR	3 YR	ALL	ALL	6.00	<p>Internal- Detailed Inspection: Aft Lower Fuselage Frames and Stringer-to-Frame attachments at BS 950 to BS 1183, including: frames and stringers, lining attach holes, frame cutouts, reinforced frames and thrust link intercostals between STR-19 and STR-24 from BS 970 to 1030.</p> <p>TASK NOTE: Inspection applicable to stringers from S-26 left and S-26 right</p> <p>ACCESS NOTE: Remove sidewall lining and access panels as required.</p>
53-035-01	1-13	NOTE	6 YR	6 YR	ALL	ALL	3.00	<p>Internal- Detailed Inspection: Fuselage Lower Lobe Number 1 Cargo Door Cutout, including: doorframe area stops, cams and hinge fittings together with attachments, framing, stringers, skin, interior of sills, frames, doubblers</p> <p>ACCESS NOTE: As visible with linings, insulation and sill plates removed.</p>
53-040-01	1-13	NOTE	18 MO	18 MO	ALL	ALL	3.00	<p>External- Detailed Inspection: Fuselage Lower Lobe Number 1 Cargo Door Cutout</p> <p>ACCESS NOTE: As visible with door open.</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
53-045-01	1-15	NOTE	6 YR	6 YR	ALL	ALL	3.00	Internal- Detailed Inspection: Fuselage Lower Lobe Number 2 Cargo Door Cutout, including: doorframe area stops, cams and hinge fittings together with attachments, framing, stringers, skin, interior of sills, frames, doublers ACCESS NOTE: As visible with linings, insulation and sill plates removed.
53-050-01	1-15	NOTE	18 MO	18 MO	ALL	ALL	3.00	External- Detailed Inspection: Fuselage Lower Lobe Number 2 Cargo Door Cutout ACCESS NOTE: As visible with door open.
53-055-01	1-15	NOTE	6 YR	6 YR	ALL	ALL	3.00	Internal- Detailed Inspection: Fuselage Lower Lobe Number 3 Cargo Door Cutout "If installed", including: doorframe area stops, cams and hinge fittings together with attachments, framing, stringers, skin, interior of sills, frames, doublers ACCESS NOTE: As visible with linings and insulation removed.
53-060-01	1-15	NOTE	18 MO	18 MO	ALL	ALL	3.00	External- Detailed Inspection: Fuselage Lower Lobe Number 3 Cargo Door Cutout "If installed" ACCESS NOTE: As visible with door open.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-065-01	1-13 2-24	NOTE	4 YR	4 YR	FRTR	ALL	3.00	Internal- Detailed Inspection: Fuselage Upper Deck Cargo Door Cutout, including: doorframe area stops, hinge fittings together with attachments, framing, stringers, skin, interior of sills, frames, reinforcement (bear) straps ACCESS NOTE: As visible with linings and insulation removed.
53-065-02	1-13 2-24	NOTE	4 YR	4 YR	COMB	ALL	3.00	Internal- Detailed Inspection: Fuselage Upper Deck Cargo Door Cutout, including: doorframe area stops, hinge fittings together with attachments, framing, stringers, skin, interior of sills, frames, reinforcement (bear) straps ACCESS NOTE: As visible with linings and insulation removed.
53-070-01	1-13 2-24	NOTE	2 YR	2 YR	FRTR	ALL	3.00	External - Detailed Inspection: Fuselage Upper Deck Cargo Door Cutout, including: upper deck cargo door external skin. CPC NOTE: Do not apply paragraph 6 of the basic task on upper deck cargo door external skin. ACCESS NOTE: As visible with door open.
53-070-02	1-13 2-24	NOTE	2 YR	2 YR	COMB	ALL	3.00	External - Detailed Inspection: Fuselage Upper Deck Cargo Door Cutout, including: upper deck cargo door external skin. CPC NOTE: Do not apply paragraph 6 of the basic task on upper deck cargo door external skin. ACCESS NOTE: As visible with door open.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
53-075-01	2-24	NOTE	8 YR	8 YR	FRTR	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams Over Main Landing Gear Wheel Well from BS 870 to BS 950, including: floor longitudinal beam chords, webs, stiffeners, and crease beams in adjacent bays. For Cargo airplanes only. See Zonal task No. 53-840-01-01 and 53-848-01-01 for inspection of Passenger airplanes ACCESS NOTE: Remove floor panels as required.
53-075-02	2-24	NOTE	8 YR	8 YR	COMB	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams Over Main Landing Gear Wheel Well from BS 870 to BS 950, including: floor longitudinal beam chords, webs, stiffeners, and crease beams in adjacent bays For Cargo airplanes only. See Zonal task No. 53-84001-01 and 53-84801-01 for inspection of Passenger airplanes ACCESS NOTE: Remove floor panels as required.
53-080-01	2-24	NOTE	8 YR	8 YR	FRTR	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams from BS 302 to BS 480, including: beams, chords, webs, stiffeners and crease beams in adjacent bays. TASK NOTE: For Cargo airplanes only. See Zonal task No. 53-866-01-01 for inspection of Passenger airplanes ACCESS NOTE: Remove floor panels as required.
53-080-02	2-24	NOTE	8 YR	8 YR	COMB	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams from BS 302 to BS 480, including: beams, chords, webs, stiffeners and crease beams in adjacent bays TASK NOTE: For Cargo airplanes only. See Zonal task No. 53-866-01-01 for inspection of Passenger airplanes ACCESS NOTE: Remove floor panels as required.

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-085-01	2-24	NOTE	8 YR	8 YR	FRTR	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams from BS 480 to BS 740, including: beams, chords, webs, stiffeners and crease beams in adjacent bays TASK NOTE: For Cargo airplanes only. See Zonal task No. 53-866-01-01 for inspection of Passenger airplanes ACCESS NOTE: Remove floor panels as required.
53-085-02	2-24	NOTE	8 YR	8 YR	COMB	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams from BS 480 to BS 740, including: beams, chords, webs, stiffeners and crease beams in adjacent bays TASK NOTE: For Cargo airplanes only. See Zonal task No. 53-866-01-01 for inspection of Passenger airplanes ACCESS NOTE: Remove floor panels as required.
53-090-01	2-24	NOTE	8 YR	8 YR	FRTR	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams from BS 740 to BS 870, including: beams, chords, webs, stiffeners and crease beams in adjacent bays. TASK NOTE: For Cargo airplanes only. See Zonal task No. 53-852-01-01 and 53-866-01-01 for inspection of Passenger airplanes. ACCESS NOTE: Remove floor panels as required.
53-090-02	2-24	NOTE	8 YR	8 YR	COMB	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams from BS 740 to BS 870, including: beams, chords, webs, stiffeners and crease beams in adjacent bays. TASK NOTE: For Cargo airplanes only. See Zonal task No. 53-852 and 53-866 for inspection of Passenger airplanes. ACCESS NOTE: Remove floor panels as required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
53-095-01	2-24	NOTE	8 YR	8 YR	FRTR	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams from BS 950 to BS 1183, including: beams, chords, webs, stiffeners and crease beams in adjacent bay. TASK NOTE: For Cargo airplanes only. See Zonal task No. 53-866-01-01 for inspection of Passenger airplanes. ACCESS NOTE: Remove floor panels as required.
53-095-02	2-24	NOTE	8 YR	8 YR	COMB	ALL	4.00	Internal- Detailed Inspection: Fuselage Floor Beams from BS 950 to BS 1183, including: beams, chords, webs, stiffeners and crease beams in adjacent bay. TASK NOTE: For Cargo airplanes only. See Zonal task No. 53-866-01-01 for inspection of Passenger airplanes. ACCESS NOTE: Remove floor panels as required.
53-100-01	1-11 1-12 1-13 1-14 1-15 1-32 1-35 1-36	3320 3321 3322 3323 3324 3325 3326 3328	18 MO	18 MO	ALL	ALL	4.00	External- General Visual Inspection: Exterior surface of Lower Left Fuselage from BS 178 to BS 1464, including: landing gear bays, skin panels, splices, joints, cutouts, forward face of the forward pressure bulkhead at BS 178, lower surface of the pressure deck from BS 870 to BS 950, BS 870 and 950 bulkheads, exterior of keel beam from BS 870 to 950, and nose landing gear support structure. TASK NOTE: Remove the forward pressure bulkhead radar absorber blankets (if installed) at a repeat interval of 6 years. Radar absorber blankets are not required on airplanes with 180-degree scan weather radar. CPC NOTE: Do not apply item 6 of the basic task, except in the landing gear bays and skin at toilet service panels. TASK NOTE: Inspect with Radome and Nose Landing Gear Doors open.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-100-02	1-11 1-12 1-13 1-14 1-15 1-32 1-35 1-36	3420 3421 3422 3423 3424	18 MO	18 MO	ALL	ALL	4.00	External- General Visual Inspection: Exterior surface of Lower Right Fuselage from BS 178 to BS 1464, including: landing gear bays, skin panels, splices, joints, cutouts, forward face of the forward pressure bulkhead at BS 178, lower surface of the pressure deck from BS 870 to BS 950, BS 870 and 950 bulkheads, exterior of keel beam from BS 870 to 950, and nose landing gear support structure. TASK NOTE: Remove the forward pressure bulkhead radar absorber blankets (if installed) at a repeat interval of 6 years. Radar absorber blankets are not required on airplanes with 180-degree scan weather radar. CPC NOTE: Do not apply item 6 of the basic task, except in the landing gear bays and skin at toilet service panels. TASK NOTE: Inspect with Radome and Nose Landing Gear Doors open.
53-100-03	2-21 2-23 2-24 2-37	NOTE	18 MO	18 MO	ALL	ALL	4.00	External- General Visual Inspection: Exterior surface of Upper Left Fuselage from BS 178 to BS 1464, including: skin panels, splices, joints, and cutouts CPC NOTE: Do not apply item 6 of the basic task, except in the landing gear bays and skin at toilet service panels. ACCESS NOTE: External, access not applicable.
53-100-04	2-21 2-23 2-24 2-38	NOTE	18 MO	18 MO	ALL	ALL	4.00	External- General Visual Inspection: Exterior surface of Upper Right Fuselage from BS 178 to BS 1464, including: skin panels, splices, joints, cutouts CPC NOTE: Do not apply item 6 of the basic task, except in the landing gear bays and skin at toilet service panels ACCESS NOTE: External, access not applicable.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
53-101-01	1-12		18 MO	18 MO	ALL NOTE	ALL	1.00	External- General Visual Inspection: Lower Body Skin Panel, BS 360 to BS 481 from S-26L to S-26R. Inspect for evidence of corrosion, skin cracks, bulges, pillowing fasteners, and deformed or missing fastener heads, which could indicate corrosion. TASK NOTE: This task is no longer required after the bonded skin panel is replaced with a machined skin panel. Ongoing corrosion control is provided by Structural item 53-100-01/02. AIRPLANE NOTE: 727-200, L/N 433-1216 (ref SB 53-144)
53-102-01	1-15		18 MO	18 MO	ALL NOTE	ALL	1.00	External- General Visual Inspection: Aft Lower Body Bonded Skin Panels, BS 950 to BS 1183 from S-26L to S-26R. Check the skin outboard surface for indications of severe corrosion on the double-skin faying surface. Look for bulges, skin cracks adjacent to fastener heads, and dished or missing fastener heads. TASK NOTE: This task is no longer required after the bonded skin panel is replaced with a machined skin panel. Ongoing corrosion control is provided by Structural item 53-100-01/02. AIRPLANE NOTE: 727-200, L/N 433-1216 (ref SB 53-159)
53-105-01	2-24	NOTE	18 MO	18 MO	COMB	ALL	0.50	External- General Visual Inspection: (Cargo airplane only) Fuselage upper skins between BS 500 to BS 540 and skins of main cargo doorway. Fuselage upper skins, three inches forward and aft of the BS 521 skin butt joint between STR 4R and 2L, skins between STR 2L and 3L from BS 500 to BS 540, skins and hinge area of the main cargo doorway. ACCESS NOTE: External, access not applicable.
53-105-02	2-24	NOTE	18 MO	18 MO	FRTR	ALL	0.50	External - General Visual: (Cargo airplane only) Fuselage upper skins between BS 500 to BS 540 and skins of main cargo doorway. Fuselage upper skins, three inches forward and aft of the BS 521 skin butt joint between STR 4R and 2L, skins between STR 2L and 3L from BS 500 to BS 540, skins and hinge area of the main cargo doorway ACCESS NOTE: External, access not applicable.
53-110-01	1-35 1-36	NOTE	5 YR	5 YR	ALL	ALL	2.00	External- General Visual Inspection: Rear Spar Wing-to-Body Fittings and Bottle Pins. TASK NOTE: Inspect with bottle pins removed at a repeat interval of 10 years (reference Structures task 57-010-01-01). ACCESS NOTE: Access for the wing-to-body fittings and bottle pins is through main landing gear wheel well (do not remove bottle pins).

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-115-01	2-49	NOTE	18 MO	18 MO	ALL	ALL	2.00	External- General Visual Inspection: Emergency Escape Hatch Exterior Skin and Edge Frames. TASK NOTE: Displace door seal. ACCESS NOTE: Doors open and seals displaced.
53-120-01	1-11 1-12 1-16 1-31	1103 1104 1202 1601 3120 3121 3122 3123 3124 3125 NOTE	6 YR	6 YR	ALL NOTE	ALL	16.00	Internal- General Visual Inspection: Interior structure of fuselage lower lobe forward of the bilge, BS 178 to BS 480 below STR-17 and the area above the bilge, including: skin panels, splices, joints, bolts, cutouts, frames, stringers, shear ties, BS 178 bulkheads, NLG wheel well structure, main deck floor structure CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended in areas under galleys and lavatories, including skin at toilet service panels (optional). AIRPLANE NOTE: Inspection of Forward Lower Fuselage Frames and Stringer-to-Frame Attachments at BS 259.5 to BS 480 applicable to stringers S-17 to S-26 Left and Right. ACCESS NOTE: Displace all lining, equipment and systems as required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-120-02	1-13 1-14	1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1312 1313 1314 1315 2427 2429 4401 NOTE	6 YR	6 YR	100 NOTE	ALL	16.00	<p>Internal- General Visual Inspection: Interior structure of fuselage lower lobe, BS 480 to BS 740 from STR-17 to STR-26, including: skin panels, splices, joints, bolts, cutouts, frames, stringers, shear ties, BS 740 Bulkhead, front spar bulkheads, main deck floor structure</p> <p>TASK NOTE: Auxiliary fuel tanks (if installed) must be displaced or removed for application of basic task. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended in areas under galleys and lavatories, including skin at toilet service panels (optional).</p> <p>AIRPLANE NOTE: For Zone 1-13 and 1-14, inspection of Forward Lower Fuselage Frames and Stringer-to-Frame Attachments at BS 480 to BS 740 applicable to stringers S-17 to S-26 Left and Right. ACCESS NOTE: Displace all lining, equipment and systems as required.</p>
53-120-03	1-13 1-14	1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1312 1313 1314 1315 1502 2427 2429 NOTE	6 YR	6 YR	200 NOTE	ALL	16.00	<p>Internal- General Visual Inspection: Interior structure of fuselage lower lobe, BS 480 to BS 740 from STR-17 to STR-26, including: skin panels, splices, joints, bolts, cutouts, frames, stringers, shear ties, BS 740 Bulkhead, front spar bulkheads, main deck floor structure</p> <p>TASK NOTE: Auxiliary fuel tanks (if installed) must be displaced or removed for application of basic task. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended in areas under galleys and lavatories, including skin at toilet service panels (optional).</p> <p>AIRPLANE NOTE: Inspection of Forward Lower Fuselage Frames and Stringer-to-Frame Attachments at BS 480 to BS 740 applicable to stringers S-17 to S-26 Left and Right. ACCESS NOTE: Displace all lining, equipment and systems as required.</p>

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-120-04	1-15	1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 4501 NOTE	6 YR	6 YR	100 NOTE	ALL	16.00	<p>Internal- General Visual Inspection: Interior structure of fuselage lower lobe, BS 950 to BS 1183 from STR-17 to STR-26, including:</p> <ul style="list-style-type: none"> skin panels, splices, joints, bolts, cutouts, frames, stringers, shear ties, BS 950 Bulkhead, BS 1183 Bulkhead, main deck floor structure <p>TASK NOTE: Auxiliary fuel tanks (if installed) must be displaced or removed for application of basic task. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended in areas under galleys and lavatories, including skin at toilet service panels (optional).</p> <p>AIRPLANE NOTE: For Zone 1-15, inspection of Aft Lower Fuselage Frames and Stringer-to-Frame Attachments at BS 950 to BS 1183 applicable from stringers S-26, Left and Right, to S-17, Left and Right. ACCESS NOTE: Displace all lining, equipment and systems as required.</p>
53-120-05	1-15	1503 1504 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 NOTE	6 YR	6 YR	200 NOTE	ALL	16.00	<p>Internal- General Visual Inspection: Interior structure of fuselage lower lobe, BS 950 to BS 1183 from STR-17 to STR-26, including:</p> <ul style="list-style-type: none"> skin panels, splices, joints, bolts, cutouts, frames, stringers, shear ties, BS 950 Bulkhead, BS 1183 Bulkhead, main deck floor structure <p>TASK NOTE: Auxiliary fuel tanks (if installed) must be displaced or removed for application of basic task. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended in areas under galleys and lavatories, including skin at toilet service panels (optional).</p> <p>AIRPLANE NOTE: For Zone 1-15, inspection of Aft Lower Fuselage Frames and Stringer-to-Frame Attachments at BS 950 to BS 1183 applicable from stringers S-26, Left and Right, to S-17, Left and Right. ACCESS NOTE: Displace all lining, equipment and systems as required.</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
53-125-01	1-11	1202	NOTE	NOTE	ALL	ALL	3.00	<p>Internal- General Visual Inspection: Fuselage skin, horizontal walkway beam and chords at intersection with the NLG wheel well.</p> <p>CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional)</p> <p>INTERVAL NOTE: Interval is 1.5 years, if SB 53-157 is complied with, this interval will become 3 years</p>
53-130-01	1-13	4401 NOTE	3 YR	3 YR	100	ALL	10.00	<p>Internal- General Visual Inspection: Interior structure of fuselage bilge from BS 480 to BS 680 below STR-26 (left and right), including:</p> <ul style="list-style-type: none"> skin panels, splices, joints, cutouts, frames, stringers, shear ties, doublers, adjacent fuselage skin forward of BS 680, Keel beam chord extensions, and STR-29 <p>CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional).</p> <p>ACCESS NOTE: Forward and aft cargo compartments and air conditioning bay. Remove aux. fuel modules if installed. Remove sidewall lining and access panels as required.</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
53-130-02	1-13	1502 NOTE	3 YR	3 YR	200	ALL	10.00	Internal- General Visual Inspection: Interior structure of fuselage bilge from BS 480 to BS 680 below STR-26 (left and right), including: skin panels, splices, joints, cutouts, frames, stringers, shear ties, doublers, Keel beam chord extensions, STR-29, adjacent fuselage skin forward of BS 680. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional). ACCESS NOTE: Forward and aft cargo compartments and air conditioning bay. Remove aux. fuel modules if installed. Remove sidewall lining and access panels as required.
53-130-03	1-14	1312 NOTE	3 YR	3 YR	ALL	ALL	10.00	Internal- General Visual Inspection: Interior structure of fuselage bilge from BS 680 to BS 740 below STR-26 (left), including: skin panels, splices, joints, cutouts, frames, stringers, shear ties, doublers, portions of the BS 740 bulkhead, Keel beam chord extensions, STR-29, adjacent fuselage skin forward of BS 740. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional). ACCESS NOTE: Forward and aft cargo compartments and air conditioning bay. Remove aux. fuel modules if installed. Remove sidewall lining and access panels as required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
53-130-04	1-15	4501 NOTE	3 YR	3 YR	100	ALL	10.00	Internal- General Visual Inspection: Interior structure of fuselage bilge from BS 950 to BS 1183 below STR-26 (left and right), including: skin panels, splices, joints, cutouts, frames, stringers, shear ties, doublers, portions of the BS 950 and 1183 bulkheads, Keel beam chord extensions, STR-29, adjacent fuselage skin aft of BS 950. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional). ACCESS NOTE: Forward and aft cargo compartments and air conditioning bay. Remove aux. fuel modules if installed. Remove sidewall lining and access panels as required.
53-130-05	1-15	1503 1504 NOTE	3 YR	3 YR	200	ALL	10.00	Internal- General Visual Inspection: Interior structure of fuselage bilge from BS 950 to BS 1183 below STR-26 (left and right), including: skin panels, splices, joints, cutouts, frames, stringers, shear ties, doublers, portions of the BS 950 and 1183 bulkheads, Keel beam chord extensions, STR-29, and adjacent fuselage skin aft of BS 950. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional). ACCESS NOTE: Aft cargo compartment. Remove aux. fuel modules if installed. Remove sidewall lining and access panels as required



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-131-01	1-15	1503 1504 1505 NOTE	3 YR	3 YR	ALL NOTE	ALL	10.00	<p>Internal- General Visual Inspection: Aft lower body bonded skin panels, BS 950 to BS 1183 from S-27L to S-27R. With the aid of a bright light, make a close visual inspection of the inner skin panel. Check along the edge of the bonded skin doubler for indications of bond separation and light corrosion. Delamination, which is indicated by a thin black line along the doubler edge, can be confirmed by pushing against the body skin to further separate skin and doubler. Do not remove fillet seal along the doubler edge if present. Inspection of the fillet sealed doubler edges is not required. The extent of delamination is determined during repair by removing fasteners until a strong bond between doubler and skin is found. White powder near areas of delamination indicates light corrosion. Also, perform a visual inspection along the inboard surface of the doubler for indications of severe corrosion on doubler-skin faying surfaces. Look for bulges, cracks adjacent to fastener heads, and dished or missing fastener heads on the surface.</p> <p>TASK NOTE: Visually inspect per SB 53-159, paragraph B of the accomplishment instructions. This task is no longer required after the bonded skin panel is replaced with a machined skin panel, per SB. Ongoing corrosion control is provided by Structures task 53-150-01-04.</p> <p>CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional).</p> <p>AIRPLANE NOTE: 727-200 L/N 433-1216 only (ref SB 53-159).</p> <p>ACCESS NOTE: Aft cargo compartment. Remove aux. fuel modules if installed. Remove sidewall lining and access panels as required.</p>
53-135-01	1-32 1-33 1-34 1-35 1-36 1-74	3208 3217 3218 3301 3302 3303 3304 3326 3401 3402 3403 3404 3424 3501 3502 3503 3510 3608	6 YR	6 YR	100	ALL	10.00	<p>Internal- General Visual Inspection: Fuselage and wing structure under the wing-to-body fairings and air conditioning access doors, including:</p> <ul style="list-style-type: none"> skin panels, splices, joints, front spar, rear spar, BS 870 and 950 bulkheads, interior and exterior of the keel beam from BS 870 to 950, upper and lower wing-to-body splice fittings, Delta keel beam interior/exterior, including: <ul style="list-style-type: none"> chords, webs, attachment angles at BS 740 and BS 870 <p>TASK NOTE: Fairings adjacent to the wing and fuselage skin must be removed.</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM	
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION	
53-135-02	1-32 1-33 1-34 1-35 1-36 1-74	3208 3217 3218 3326 3340 3348 3349 3350 3351 3353 3354 3355 3356 3357 3358 3440 3448 3449 3450 3451 3452 3453 3454 3455 3456 3457 3458 3514 3515 3519 3523 3622	6 YR	6 YR	200	ALL	10.00	Internal- General Visual Inspection: Fuselage and wing structure under the wing-to-body fairings and air conditioning access doors, including: skin panels, splices, joints, front spar, rear spar, BS 870 and 950 bulkheads, interior and exterior of the keel beam from BS 870 to 950, upper and lower wing-to-body splice fittings, Delta keel beam interior/exterior, including: chords, webs, attachment angles at BS 740 and BS 870 TASK NOTE: Fairings adjacent to the wing and fuselage skin must be removed.	
53-140-01	1-14 1-33 1-34	3301 3303 3401 3403 NOTE	4 YR	4 YR	100	ALL	4.00	External- General Visual Inspection: Wing center section front and rear spar lower chords and webs CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional) ACCESS NOTE: With A/C doors open.	



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-140-02	1-14 1-33 1-34	3348 3349 3355 3448 3456 NOTE	4 YR	4 YR	200	ALL	4.00	External- General Visual Inspection: Wing center section front and rear spar lower chords and webs CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional) ACCESS NOTE: With A/C doors open.
53-145-01	1-33 1-34	NOTE	4 YR	4 YR	ALL	ALL	4.00	External- Special Detailed Inspection: Wing center section front spar lower chord TASK NOTE: Inspect using Borescope. CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional) ACCESS NOTE: With A/C doors open.
53-150-01	1-33 1-34	6302 6303 6402 6403 7340 7540	5 YR NOTE	5 YR NOTE	ALL	ALL	4.00	Internal- General Visual Inspection: Front spar wing-to-body fittings and bottle pins INTERVAL NOTE: Inspect with bottle pins removed at a repeat interval of 10 years (Reference Structures task 57-005-01-01)
53-155-01	2-37 2-38 2-39 2-47	3750 3752 3753 3850 3852 3853 3856 3857 3858	5 YR	5 YR	ALL	ALL	8.00	Internal- General Visual Inspection: Interior structure of section 48 from BS 1183 to BS 1342, including: skins, frames, stringers, doublers, shear ties, aft face of the aft pressure bulkhead, vertical stabilizer front and rear spar attach fittings. TASK NOTE: Inspect areas of the front spar fitting visible through existing access and lightening holes. Open aft Air stairs.
53-160-01	2-24 2-25 2-26 2-27 2-28	NOTE	NOTE	NOTE	ALL	ALL	32.00	Internal- General Visual Inspection: Areas under Galley (if installed) and Lavatories (if installed) CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional). INTERVAL NOTE: Repeat interval of 2 years without galley/lavatory removal, repeat interval of 4 years with galley/lavatory removal. ACCESS NOTE: Remove carpet and floor panels as required.
53-165-01	2-24	4201 NOTE	4 YR	4 YR	ALL	ALL	20.00	Internal- General Visual Inspection: Floor Structure and Shear Web, BS 1130 to BS 1183 ACCESS NOTE: Remove all seats, carpet, Lavs, Galleys and Floor panels.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
53-170-01	2-24	4201 NOTE	4 YR	4 YR	ALL	ALL	20.00	Internal- General Visual Inspection: Wing Center Section Upper Skin, Spar Chords and Webs, over wing stub frames and stringer-to-frame attachments at BS 740 to BS 950 ACCESS NOTE: Remove all seats, carpet, Lavs, Galleys and Floor panels. Remove the rear spar pressure seal.
53-175-01	2-24	2405 2410 2411 4201	4 YR	4 YR	ALL	ALL	32.00	Internal- General Visual Inspection: Lower Sill Structure at Cutouts for Main Deck Entry and Galley/Service Doors
53-175-02	2-24	NOTE	4 YR	4 YR	FRTR	ALL	12.00	Internal- General Visual Inspection: Lower Sill Structure at Cutouts for Main Deck Cargo Door ACCESS NOTE: Zone 2-48 Main Cargo Door.
53-175-03	2-24	NOTE	4 YR	4 YR	COMB	ALL	12.00	Internal- General Visual Inspection: Lower Sill Structure at Cutouts for Main Deck Cargo Door ACCESS NOTE: Zone 2-48 Main Cargo Door.
53-180-01	2-24	2401 2402 2403 2404 4201	4 YR	4 YR	100	ALL	8.00	Internal- General Visual Inspection: Lower Sill Structure at Cutouts for Emergency Exits
53-180-02	2-24	2406 2407 2408 2409 4201	4 YR	4 YR	200	ALL	8.00	Internal- General Visual Inspection: Lower Sill Structure at Cutouts for Emergency Exits
53-185-01	2-27 2-28	NOTE	4 YR	4 YR	ALL	ALL	8.00	Internal- General Visual Inspection: BS 1176.9 Chord, forward of the BS 1183 Bulkhead at WL 208.1 (all airplanes with aft lavatories) CPC NOTE: A dual coat of corrosion inhibitor per item 6 of the basic task is recommended for this area (optional). ACCESS NOTE: Remove Aft Lavatories, Aft entry doorsill and floorboards, as required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
								ATA 54: NACELLES/PYLONS.
54-005-01	4-52	5201 5203 5204 NOTE	2 YR	2 YR	ALL	ALL	5.00	Internal- Detailed Inspection: Engine Number 2 (Center Engine) Forward and Aft Mounts and Thrust Links- Inspect Engine Mount Thrust Links and Mount Fittings ACCESS NOTE: Two hinged cowls
54-010-01	2-37 2-38 3-95	9516 9517 9518 9519 9520 9521 9522 9523 9524 9527 9528 NOTE	8 YR	8 YR	ALL	ALL	8.00	Internal- General Visual Inspection: Center Engine Inlet Duct and S-duct CPC NOTE: Do not apply item 6 of the basic task to the inner surface of the inlet and S-duct. ACCESS NOTE: Inspect with S-duct and inlet duct in place.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
								ATA 55: STABILIZERS
55-005-01	3-95	9501 9502 9503 9504 9505 9506 9507 9508 9509 9510 9511 9512 9513 9514 9515 9701 9702 9707 NOTE	8 YR	8 YR	ALL	ALL	8.00	Internal- Special Detailed Inspection: Horizontal Stabilizer Center Section Hinge Pins from LBBL 14.0 to RBBL 14.0- Inspect using magnetic particle inspection TASK NOTE: Inspection requires hinge pin removal. ACCESS NOTE: Remove panel 9503 prior to removal of 9707.
55-010-01	3-91 3-92 3-93 3-94	9113 9114 9115 9116 9117 9118 9119 9120 9121 9213 9214 9215 9216 9217 9218 9219 9220 9221 9222	2 YR	2 YR	ALL	ALL	16.00	External- General Visual Inspection: Horizontal Stabilizer Rear Spar exposed land area of the Upper and Lower Chords between the Inspar Skin and Trailing Edge skins

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
55-015-01	3-98 3-99	9801 9802 9803 9804 9805 9806 9807 9808 9809 9810 9811 9812 9901 9902 9903 9904 9905 9906 9907 9908 9909 9910 9911	8 YR	8 YR	ALL	ALL	8.00	Internal- General Visual Inspection: Rudder Tab Actuator Support Fitting - Inspect Support Fitting



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
55-020-01	3-98 3-99	9801 9802 9803 9804 9805 9806 9807 9808 9809 9810 9811 9812 9901 9902 9903 9904 9905 9906 9907 9908 9909 9910 9911	8 YR	8 YR	ALL	ALL	4.00	Internal- General Visual Inspection: Upper and Lower Rudder Tab Rod Support Fitting - Inspect visible portions of Rudder Tab Rod Support Fitting



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
55-025-01	3-91 3-92	9101 9102 9103 9104 9105 9106 9107 9108 9109 9110 9112 9113 9114 9115 9116 9117 9118 9119 9120 9121 9122 9201 9202 9203 9204 9205 9206 9207 9208 9210 9212 9213 9214 9215 NOTE	8 YR	8 YR	ALL	ALL	4.00	<p>Internal- General Visual Inspection: Interior Structure of Horizontal Stabilizer Leading Edge, including: Ribs, Leading Edge Skins, Spar Chords, Web</p> <p>ACCESS NOTE: Requires removal of removable leading edge.</p> <p>Additional access panels:</p> <p>9216 9217 9218 9219 9220 9221 9222</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM	
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION	
55-030-01	3-91 3-92	9101 9102 9103 9104 9105 9106 9107 9108 9109 9110 9112 9113 9114 9115 9116 9117 9118 9119 9120 9121 9122 9123 9201 9202 9203 9204 9205 9206 9207 9208 9210 9212 9213 9214 9215 NOTE	8 YR	8 YR	ALL	ALL	16.00	Internal- General Visual Inspection: Interior of Horizontal Stabilizer Outboard Main Box from Front Spar to Rear Spar and Side of Body Rib (L/E STA.0) to Tip Rib (STAB STA. 223.05), including: Skins, Stringers, Ribs, Stiffeners, Front and Rear Spar Chords, Front and Rear Spar Webs ACCESS NOTE: Additional access panels: 9216 9217 9218 9219 9220 9221 9222 9223	



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
55-035-01	3-93 3-94	9101 9102 9103 9104 9105 9106 9107 9108 9109 9110 9111 9112 9113 9114 9115 9116 9117 9118 9119 9120 9121 9122 9123 9201 9202 9203 9204 9205 9206 9207 9208 9210 9211 9212 9213 9214 9215 NOTE	4 YR	4 YR	ALL	ALL	16.00	Internal- General Visual Inspection: Horizontal Stabilizer Upper and Lower Rear Spar Chords and Web ACCESS NOTE: Additional access panels: 9216 9217 9218 9219 9220 9221 9222 9223



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
55-040-01	3-91	9601	5 YR	5 YR	ALL	ALL	20.00	Internal- General Visual Inspection: Horizontal Stabilizer Center Section and Support Structure, including: Front and Rear Spar Fittings and Lugs, Ribs, Jackscrew Assembly, Vertical Stabilizer Upper Closure Rib Fitting, Tension Tie, Attach Fittings, Vertical Stabilizer Rear Spar Fitting and Lugs, Vertical Stabilizer Front Spar Upper Terminal Fitting and Lugs ACCESS NOTE: Fin tip fairing removal required.
	3-92	9602						
	3-95	9603						
	3-96	9604						
	3-97	9605						
		9606						
		9607						
		9608						
		9702						
		9703						
		9704						
		9705						
		9706						
		9707						
		9708						
		9709						
		9710						
		9711						
		9777						
		9778						
	9779							
	9780							
	NOTE							
55-045-01	3-95	9501 9502 9503 9707	8 YR	8 YR	ALL	ALL	7.00	Internal- General Visual Inspection: Interior Structure of Vertical Stabilizer Leading Edge Forward of Front Spar, including: Ribs, Leading Edge Skins, Spar Chords, Web
55-050-01	3-95	9504	5 YR	5 YR	ALL	ALL	7.00	Internal- General Visual Inspection: Vertical Stabilizer Rear Spar, Torque Box and Chords at B.S. 1342 Bulkhead



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
								ATA 57: WINGS
57-005-01	5-63 5-73 6-64 6-75	6301 6302 6401 6402 7303 7503	10 YR	10 YR	ALL	ALL	8.00	Internal- Special Detailed Inspection: Wing Front Spar Terminal Fitting Bottle Pin. TASK NOTE: Remove bottle pins and inspect by using magnetic particle inspection. (Reference Structures task item 53-150-01-01)
57-010-01	1-35 1-36	NOTE	10 YR	10 YR	ALL	ALL	8.00	Internal- Special Detailed Inspection: Wing Rear Spar Terminal Fitting Bottle Pin. TASK NOTE: Remove bottle pins and inspect by using magnetic particle inspection. (Reference Structures task 53-110-01-01) ACCESS NOTE: Access thru Main Landing Gear Wheel Well.
57-015-01	5	NOTE	5 YR	5 YR	ALL	ALL	16.00	External- General Visual Inspection: Exterior surface of Left Wing from wing to body fairing to tip, including: upper and lower skins, fasteners, attachment of leading and trailing edge structure CPC NOTE: Do not apply item 6 of the basic task, except to the lower skin area around the flap track attach points. ACCESS NOTE: External inspection, no access required.
57-015-02	6	NOTE	5 YR	5 YR	ALL	ALL	16.00	External- General Visual Inspection: Exterior surface of Right Wing from wing to body fairing to tip, including: upper and lower skins, fasteners, attachment of leading and trailing edge structure CPC NOTE: Do not apply item 6 of the basic task, except to the lower skin area around the flap track attach points. ACCESS NOTE: External inspection, no access required.
57-020-01	5	NOTE	3 YR	3 YR	ALL	ALL	3.00	External- Detailed Inspection: Left Wing Lower Skin around Flap Track Attach Points (at Inboard Flap Outboard Track and Outboard Flap Inboard and Outboard Tracks). ACCESS NOTE: External inspection, no access required. Removal of Flap Tracks not required for this task.
57-020-02	6	NOTE	3 YR	3 YR	ALL	ALL	3.00	External- Detailed Inspection: Right Wing Lower Skin around Flap Track Attach Points (at Inboard Flap Outboard Track and Outboard Flap Inboard and Outboard Tracks) ACCESS NOTE: External inspection, no access required. Removal of Flap Tracks not required for this task.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-025-01	5-62 5-63	6206 6212 6214 6215 6217 6218 6219 6220 6222 6223 6224 6225 6227 6229 6231 6232 6233 6235 6236 6237 6239 6241 6243 6246 6247 6249 6254 6256 6261 6262 6263 6264 6265 6266 6267 6301 6303 NOTE	5 YR	5 YR	ALL	ALL	16.00	Internal- General Visual Inspection: Interior Structure of Left Wing Leading Edge Cavity Forward of Front Spar, including: Front Spar, Skin, Flaps, Slats, Support Fittings CPC NOTE: Re-apply per item 6 of the basic task after any pre-inspection washing. ACCESS NOTE: Extended Flaps and Slats.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-025-02	6-64 6-65	6401 6403 6404 6512 6514 6515 6517 6518 6519 6520 6522 6523 6524 6527 6529 6531 6532 6533 6535 6536 6537 6539 6541 6542 6543 6544 6545 6546 6547 6549 6551 6554 6556 6560 6561 6562 6563 NOTE	5 YR	5 YR	ALL	ALL	16.00	<p>Internal- General Visual Inspection: Interior Structure of Right Wing Leading Edge Cavity Forward of Front Spar, including: Front Spar, Skin, Flaps, Slats, Support Fittings CPC NOTE: Re-apply per item 6 of the basic task after any pre-inspection washing.</p> <p>ACCESS NOTE: Extended Flaps and Slats.</p> <p>Additional access panels:</p> <p>6564 6565 6566 6567</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-030-01	5-62 5-63	6212 6214 6215 6217 6218 6219 6220 6222 6223 6224 6225 6227 6229 6231 6232 6233 6235 6236 6237 6239 6241 6243 6246 6247 6249 6254 6256 6260 6301 6303	5 YR	5 YR	ALL	ALL	16.00	Internal- General Visual Inspection: Left Wing Front Spar Chords



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-030-02	6-64 6-65	6401 6403 6404 6512 6514 6515 6517 6518 6519 6520 6522 6523 6524 6525 6527 6529 6531 6532 6533 6536 6537 6539 6541 6542 6543 6546 6547 6550 6551 6554 6556	5 YR	5 YR	ALL	ALL	16.00	Internal- General Visual Inspection: Right Wing Front Spar Chords
57-035-01	5-62 5-63		5 YR	5 YR	ALL	ALL	2.00	Internal- Special Detail Inspection: Inspect Left Front Spar Chord behind fitting and stiffeners TASK NOTE: Inspect using Borescope.
57-035-02	6-64 6-65		5 YR	5 YR	ALL	ALL	2.00	Internal- Special Detail Inspection: Inspect Right Front Spar Chord behind fitting and stiffeners TASK NOTE: Inspect using Borescope.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
57-040-01	5-81 5-82 5-83 5-84	8101 8102 8103 8104 8105 8106 8107 8108 8109 8110 8111 8112 8201 8202 8203 8204 8205 8206 8207 8208 8209 8210 8211 8212 8213 8214 8215 8301 8302 8303 8304 8305 8306 8307 8308 8309 8310 8311 8312 NOTE	5 YR	5 YR	ALL	ALL	32.00	<p>Internal- General Visual Inspection: Interior Structure of the Left Wing Trailing Edge Cavity Aft of Rear Spar, including: all Fixed Trailing Edge Structure, Rear Spar, Skins, Ailerons, Ribs, Spoilers, Flaps, Flap Carriages, Flap Tracks, Support Fittings, Main Landing Gear Support Structure TASK NOTE: Perform task with tracks installed.</p> <p>ACCESS NOTE: Access via extended trailing edge devices, fairings and panels.</p> <p>Additional access panels:</p> <p>8313 8314 8401 8402 8403 8404 8405 8406 8407 8408 8409 8411 8412 8413 8414 8415 8418</p>

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-040-02	6-85 6-86 6-87 6-88	8501 8502 8503 8504 8505 8506 8507 8508 8509 8511 8512 8513 8514 8516 8517 8518 8601 8602 8603 8604 8605 8606 8607 8608 8609 8610 8611 8612 8613 8614 8701 8702 8703 8704 8705 8706 8707 8708 8709 8710 NOTE	5 YR	5 YR	ALL	ALL	32.00	<p>Internal- General Visual Inspection: Interior Structure of The Right Wing Trailing Edge Cavity Aft of Rear Spar, including: all Fixed Trailing Edge Structure, Rear Spar, Skins, Ailerons, Ribs, Spoilers, Flaps, Flap Carriages, Flap Tracks, Support Fittings, Main Landing Gear Support Structure</p> <p>TASK NOTE: Perform task with tracks installed.</p> <p>ACCESS NOTE: Access via extended trailing edge devices, fairings and panels.</p> <p>Additional access panels:</p> <p>8711 8712 8713 8714 8715 8801 8802 8803 8804 8805 8806 8807 8808 8809</p>



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-045-01	5-81 5-83	8101 8102 8103 8104 8105 8106 8107 8108 8109 8110 8111 8112 8311 8312 8313	5 YR	5 YR	ALL	ALL	8.00	Internal- General Visual Inspection: Left Wing Rear Spar Chords Outboard of WBL 492 and at the Inboard Aileron Balance Bay, WBL 249.3 to WBL 297.3.
57-045-02	6-86 6-88	8611 8612 8613 8801 8802 8803 8804 8805 8806 8807 8808 8809 8810 8811 8812	5 YR	5 YR	ALL	ALL	8.00	Internal- General Visual Inspection: Right Wing Rear Spar Chords Outboard of WBL 492 and at the Inboard Aileron Balance Bay, WBL 249.3 to WBL 297.3
57-050-01	5-81 5-83		5 YR	5 YR	ALL	ALL	4.00	Internal- Special Detail Inspection: Inspect Left Wing Rear Spar Chord Behind Fitting and Stiffeners TASK NOTE: Inspect using Borescope.
57-050-02	6-86 6-88		5 YR	5 YR	ALL	ALL	4.00	Internal- Special Detail Inspection: Inspect Right Wing Rear Spar Chord Behind Fitting and Stiffeners TASK NOTE: Inspect using Borescope.

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
57-055-01	5-82 5-84	8405 8406 8407 NOTE	2 YR	2 YR	ALL	ALL	2.00	Internal- General Visual Inspection: Left Wing Rear Spar Chords, WBL 70.597 to WBL 249.3, and WBL 297.3 to 492 ACCESS NOTE: Inspect with Flaps extended.
57-055-02	6-85 6-87	NOTE	2 YR	2 YR	ALL	ALL	2.00	Internal- General Visual Inspection: Right Wing Rear Spar Chords, WBL 70.597 to WBL 249.3, and WBL 297.3 to 492 ACCESS NOTE: Inspect with Flaps extended.
57-060-01	5-82 5-84		2 YR	2 YR	ALL	ALL	4.00	Internal- Special Detail Inspection: Inspect Left Wing Rear Spar Chord Behind Fitting and Stiffeners TASK NOTE: Inspect using Borescope.
57-060-02	6-85 6-87		2 YR	2 YR	ALL	ALL	4.00	Internal- Special Detail Inspection: Inspect Right Wing Rear Spar Chord Behind Fitting and Stiffeners TASK NOTE: Inspect using Borescope.
57-065-01	5-82 5-84	8205 8206 8408 8409	NOTE	NOTE	ALL	ALL	2.00	Internal- General Visual Inspection: Left Wing Flap Track Carriages TASK NOTE: Inspect rollers, bearings, and carriage for cracks, corrosion, seized roller bearings, worn rub strips etc. INTERVAL NOTE: 1) Normal overhaul procedures on flap track carriages, applied when they are removed from the airplane at intervals not exceeding 10 years, are adequate to control corrosion at safe levels on these components. In these circumstances, application of the basic task and reporting is not required on these components. 2) If flap track carriages are not removed from the airplane for overhaul per note 1, then Structures task 57-070-01-01 shall be performed in place of this task.
57-065-02	6-85 6-87	8508 8509 8705 8706	NOTE	NOTE	ALL	ALL	1.00	Internal- General Visual Inspection: Right Wing Flap Track Carriages TASK NOTE: Inspect rollers, bearings, and carriage for cracks, corrosion, seized roller bearings, worn rub strips etc. INTERVAL NOTE: 1) Normal overhaul procedures on flap track carriages, applied when they are removed from the airplane at intervals not exceeding 10 years, are adequate to control corrosion at safe levels on these components. In these circumstances, application of the basic task and reporting is not required on these components. 2) If flap track carriages are not removed from the airplane for overhaul per note 1, then Structures task 57-070-02 shall be performed in place of this task.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-070-01	5-82 5-84	NOTE	10 YR	10 YR	ALL	ALL	8.00	Internal- Detailed Inspection: Flap Track Carriages - Left Wing TASK NOTE: Removal, disassembly and application of the basic task is required if Structures task 57-065-01-01 is not accomplished. ACCESS NOTE: Access via extended Flaps and Fairings.
57-070-02	6-85 6-87	NOTE	10 YR	10 YR	ALL	ALL	8.00	Internal- Detailed Inspection: Flap Track Carriages - Right Wing TASK NOTE: Removal, disassembly and application of the basic task is required if Structures task 57-065-02-01 is not accomplished. ACCESS NOTE: Access via extended Flaps and Fairings.
57-075-01	5-82 5-84	8205 8206 8408 8409	NOTE	NOTE	ALL	ALL	2.00	Internal- General Visual Inspection: Left Wing Flap Track Carriage Support Fittings INTERVAL NOTE: 1) Normal overhaul procedures on flap track carriage support fittings, applied when they are removed from the airplane at intervals not exceeding 10 years, are adequate to control corrosion at safe levels on these components. In these circumstances, application of the basic task and reporting is not required on these components. 2) If flap tracks and carriage support fittings are not removed from the airplane for overhaul per note 1, then Structures task 57-080-01-01 shall be performed in place of this task.
57-075-02	6-85 6-87 6-88	8505 8509 8705 8706	NOTE	NOTE	ALL	ALL	2.00	Internal- General Visual Inspection: Right Wing Flap Track Carriage Support Fittings INTERVAL NOTE: 1) Normal overhaul procedures on flap track carriage support fittings, applied when they are removed from the airplane at intervals not exceeding 10 years, are adequate to control corrosion at safe levels on these components. In these circumstances, application of the basic task and reporting is not required on these components. 2) If flap tracks and carriage support fittings are not removed from the airplane for overhaul per note 1, then Structures task 57-080-02-01 shall be performed in place of this task.
57-080-01	5-82 5-84	8205 8206 8408 8409 NOTE	10 YR	10 YR	ALL	ALL	4.00	Internal- Detailed Inspection: Left Wing Flap Track Carriage Support Fittings TASK NOTE: Removal, disassembly and application of the basic task is required if Structures task 57-075-01-01 is not accomplished. ACCESS NOTE: Access via extended Flaps and Fairings.
57-080-02	6-85 6-86 6-87 6-88	8505 8509 8608 8705 8706 NOTE	10 YR	10 YR	ALL	ALL	4.00	Internal- Detailed Inspection: Right Wing Flap Track Carriage Support Fittings TASK NOTE: Removal, disassembly and application of the basic task is required if Structures task 57-075-02-01 is not accomplished. ACCESS NOTE: Access via extended Flaps and Fairings.

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3
			THRES	REPEAT	APL	ENG		STRUCTURES MAINTENANCE PROGRAM
								TASK DESCRIPTION
57-085-01	5-82 5-84	NOTE	NOTE	NOTE	ALL	ALL	2.00	Internal- General Visual Inspection: Left Wing Flap Tracks and Attach Fittings TASK NOTE: Inspect the flap track attach fittings for corrosion/cracks loose fasteners etc. INTERVAL NOTE: 1) Normal overhaul procedures on flap tracks and attach fittings, applied when they are removed from the airplane at intervals not exceeding 10 years, are adequate to control corrosion at safe levels on these components. In these circumstances, application of the basic task and reporting is not required on these components. 2) If flap tracks and attach fittings are not removed from the airplane for overhaul per note 1, then Structures task 57-090-01 shall be performed in place of this task. ACCESS NOTE: Removal of fwd Flap Track Fairings required.
57-085-02	6-85 6-87	NOTE	NOTE	NOTE	ALL	ALL	2.00	Internal- General Visual Inspection: Right Wing Flap Tracks and Attach Fittings Inspect the flap track attach fittings for corrosion/cracks loose fasteners etc. INTERVAL NOTE: 1) Normal overhaul procedures on flap tracks and attach fittings, applied when they are removed from the airplane at intervals not exceeding 10 years, are adequate to control corrosion at safe levels on these components. In these circumstances, application of the basic task and reporting is not required on these components. 2) If flap tracks and attach fittings are not removed from the airplane for overhaul per note 1, then Structures task 57-090-02-01 shall be performed in place of this task. ACCESS NOTE: Removal of fwd Flap Track Fairings required.
57-090-01	5-82 5-84	NOTE	10 YR	10 YR	ALL	ALL	4.00	Internal- Detailed Inspection: Left Wing Flap Tracks and Attach Fittings TASK NOTE: Removal, disassembly and application of the basic task is required if Structures task 57-085-01-01 is not accomplished. ACCESS NOTE: Access via extended Flaps and Fairings.
57-090-02	6-85 6-87 6-88	NOTE	10 YR	10 YR	ALL	ALL	4.00	Internal- Detailed Inspection: Right Wing Flap Tracks and Attach Fittings TASK NOTE: Removal, disassembly and application of the basic task is required if Structures task 57-085-02-01 is not accomplished. ACCESS NOTE: Access via extended Flaps and Fairings.
57-095-01	5-84		NOTE	NOTE	ALL	ALL	1.00	Internal- General Visual Inspection: Left Wing Flap Tracks at Main Landing Gear Beam Attach Point INTERVAL NOTE: 1) Normal overhaul procedures on flap tracks and attach fittings, carriages and carriage support fittings, applied when they are removed from the airplane at intervals not exceeding 10 years, are adequate to control corrosion at safe levels on these components. In these circumstances, application of the basic task and reporting is not required on these components. 2) If flap tracks are not removed from the airplane for overhaul per note 1, then Structures task 57-100-01-01 shall be performed in place of this task



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MPD ITEM NUMBER	ZONE	ACCESS	INTERVAL		APPLICABILITY		LABOR HOURS	727-100/-200 MSG-3 STRUCTURES MAINTENANCE PROGRAM
			THRES	REPEAT	APL	ENG		TASK DESCRIPTION
57-095-02	6-85		NOTE	NOTE	ALL	ALL	1.00	Internal- General Visual Inspection: Right Wing Flap Tracks at Main Landing Gear Beam Attach Point INTERVAL NOTE: 1) Normal overhaul procedures on flap tracks and attach fittings, carriages and carriage support fittings, applied when they are removed from the airplane at intervals not exceeding 10 years, are adequate to control corrosion at safe levels on these components. In these circumstances, application of the basic task and reporting is not required on these components. 2) If flap tracks are not removed from the airplane for overhaul per note 1, then Structures task 57-100-02-01 shall be performed in place of this task
57-100-01	5-84	NOTE	10 YR	10 YR	ALL	ALL	4.00	Internal- Detailed Inspection: Left Wing Flap Tracks at Main Landing Gear Beam Attach Point TASK NOTE: Removal, disassembly and application of the basic task is required if Structures task 57-095-01-01 is not accomplished. ACCESS NOTE: Access via extended Flaps and Fairings.
57-100-02	6-85	NOTE	10 YR	10 YR	ALL	ALL	4.00	Internal- Detailed Inspection: Right Wing Flap Tracks at Main Landing Gear Beam Attach Point TASK NOTE: Removal, disassembly and application of the basic task is required if Structures task 57-095-02-01 is not accomplished. ACCESS NOTE: Access via extended Flaps and Fairings.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

APPENDIX A. RESERVED



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

APPENDIX B. ACRONYMS

A/C	AIR CONDITIONING	EWIS	ELECTRICAL WIRING INTERCONNECTION SYSTEM
AC	ADVISORY CIRCULAR	EXT	EXTERNAL
ACARS	ARINC COMMUNICATIONS AND REPORTING SYSTEM	EZAP	ENHANCED ZONAL ANALYSIS PROCEDURE
ACO	AIRCRAFT CERTIFICATION OFFICE	FAA	FEDERAL AVIATION ADMINISTRATION
AD	ACCIDENTAL DAMAGE	FAR	FEDERAL AVIATION REGULATION
AFCS	AUTOMATIC FLIGHT CONTROL SYSTEM	FD	FATIGUE DAMAGE
AMM	AIRPLANE MAINTENANCE MANUAL	FQIS	FUEL QUANTITY INDICATION SYSTEM
APL	AIRPLANE	FTS	FUEL TANK SAFETY
APU	AUXILIARY POWER UNIT	GPWS	GROUND PROXIMITY WARNING SYSTEM
ARINC	AERONAUTICAL RADIO INCORPORATED	HF	HIGH FREQUENCY
ATA	AIR TRANSPORT ASSOCIATION	HIRF	HIGH INTENSITY RADIATED FIELDS
ATC	AIR TRAFFIC CONTROL (SYSTEM)	INOP	INOPERABLE
BL	BUTTOCK LINE	INT	INTERNAL
BS	BODY STATION	IRS	INERTIA REFERENCE SYSTEM
CFR	CODE OF FEDERAL REGULATIONS	ISC	INDUSTRY STEERING COMMITTEE
CIC	CORROSION INHIBITING COMPOUND	LAV	LAVATORY
CPC	CORROSION PREVENTION AND CONTROL	L/E	LEADING EDGE
CPCP	CORROSION PREVENTION AND CONTROL PROGRAM	L/N	LINE NUMBER
CT	CALENDAR TIME	LBBL	LEFT BODY BUTTOCK LINE
DME	DISTANCE MEASURING EQUIPMENT	MLG	MAIN LANDING GEAR
ENG	ENGINE	MPD	MAINTENANCE PLANNING DATA



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

MRB	MAINTENANCE REVIEW BOARD
MRBR	MAINTENANCE REVIEW BOARD REPORT
MSG-3	MAINTENANCE STEERING GROUP -3rd TASK FORCE
MSI	MAINTENANCE SIGNIFICANT ITEM
NDI	NON DESTRUCTIVE INSPECTION
NLG	NOSE LANDING GEAR
PSE	PRINCIPAL STRUCTURAL ELEMENT
RBBL	RIGHT BODY BUTTOCK LINE
RVSM	REDUCED VERTICAL SEPARATION MINIMUMS
SB	SERVICE BULLETINS
SFAR	SPECIAL FEDERAL AVIATION REGULATION
SL	SERVICE LETTER
SSI	STRUCTURAL SIGNIFICANT ITEM
SSID	SUPPLEMENTAL STRUCTURAL INSPECTION DOCUMENT
STA	STATION
STAB	STABILIZER
STR	STRINGER
TR	TEMPORARY REVISION
VHF	VERY HIGH FREQUENCY
WBL	WING BUTTOCK LINE
WG	WORKING GROUP
WS	WING STATION

D6-82879



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

APPENDIX C. DEFINITIONS

ACCIDENTAL DAMAGE (AD):

Physical deterioration of an item caused by contact or impact with an object or influence which is not a part of the aircraft, or by human error during manufacturing, operation of the aircraft, or maintenance practices.

COMBUSTIBLE MATERIAL:

Any solid, liquid, or gaseous material that has the ability to cause a fire to be sustained after removal of the ignition source.

NOTE: Some EZAP Tasks in Section 6 perform a Restoration (cleaning) task to remove combustible materials and contamination that may be present in the maintenance zone. Refer to Advisory Circular 25-27 for additional information regarding combustible materials and wiring contamination.

CORROSION LEVEL 1:

Corrosion damage, occurring between successive inspections, that is local and can be reworked/blended-out within allowable limits (e.g., SRM, SB, etc.);

or,

Corrosion damage, occurring between successive inspections, that is widespread and can be reworked/blended-out well below allowable limits as defined by the manufacturer;

or,

Corrosion damage that exceeds allowable limits and can be attributed to an event not typical to the operator's usage of other airplanes in the same fleet (e.g. Mercury spill);

or,

Operator experience over several years has demonstrated only light corrosion between successive inspections but latest inspection and cumulative blend-out now exceed allowable limit.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

CORROSION LEVEL 2:

Corrosion occurring, between successive inspections, that requires a single re-work/blend-out which exceeds allowable limits, and requires a repair / reinforcement, or complete or partial replacement of a structures component, element or detail listed in the Baseline Program;

or,

Corrosion occurring between successive inspections that is widespread and requires a single blend-out approaching allowable re-work limits.

NOTE: Any Level 2 or 3 corrosion findings should be reported to Boeing.

CORROSION LEVEL 3:

Corrosion found during the first or subsequent inspections, which is determined to be an urgent Airworthiness concern, requiring expeditious action.

NOTE: When LEVEL 3 corrosion is found, consideration should be given to action required on other airplanes in the operator's fleet. Details of the corrosion finding and planned action(s) should be expeditiously reported to the appropriate regulatory authority per FAR 121.703. On the second and subsequent inspection, any Level 3 corrosion findings should be reported to Boeing within the year quarter, and should be reported to the FAA within 7 days of discovery.

CORROSION PREVENTION AND CONTROL PROGRAM (CPCP):

A program of maintenance tasks implemented at a threshold designed to control an aircraft structure to Corrosion Level 1 or better.

DISCARD (DIS):

The removal from service of an item at a specified life limit.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

ELECTRICAL WIRING INTERCONNECTION SYSTEM (EWIS)

- a. Electrical Wiring Interconnection System (EWIS) means any wire, wiring device, or combination of these, including termination devices, installed in any area of the airplane for the purpose of transmitting electrical energy, including data and signals, between two or more intended termination points. This includes:
1. Wires and cables.
 2. Bus bars.
 3. The termination point on electrical devices, including those on relays, interrupters, switches, contactors, terminal blocks and circuit breakers, and other circuit protection devices.
 4. Connectors, including feed-through connectors.
 5. Connector accessories.
 6. Electrical grounding and bonding devices and their associated connections.
 7. Electrical splices.
 8. Materials used to provide additional protection for wires, including wire insulation, wire sleeving, and conduits that have electrical termination for the purpose of bonding.
 9. Shields or braids.
 10. Clamps and other devices used to route and support the wire bundle.
 11. Cable tie devices.
 12. Labels or other means of identification.
 13. Pressure seals.
 14. EWIS components inside shelves, panels, racks, junction boxes, distribution panels, and back-planes of equipment racks, including, but not limited to, circuit board back-planes, wire integration units, and external wiring of equipment.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

- b. Except for the equipment indicated in Paragraph (a)(14) of this section, EWIS components inside the following equipment, and the external connectors that are part of that equipment, are excluded from the definition in Paragraph (a) of this section:
1. Electrical equipment or avionics that are qualified to environmental conditions and testing procedures when those conditions and procedures are:
 - (i) appropriate for the intended function and operating environment, and
 - (ii) acceptable to the FAA.
 2. Portable electrical devices that are not part of the type design of the airplane. This includes personal entertainment devices and laptop computers.
 3. Fiber optics.

NOTE: Some of the EZAP tasks in Section 6, Systems and Powerplant Requirements, perform a Detailed (DET) or stand-alone GVI of particular wiring in the maintenance zone. These tasks typically include the words "and connected EWIS" in the Task Description. "Connected EWIS" refers to any EWIS component, as defined above, that is directly attached to the particular wiring that is being inspected.

ENVIRONMENTAL DETERIORATION (ED):

Physical deterioration of an item's strength or resistance to failure as a result of chemical interaction with its climate or environment.

EXTERNAL:

Access not limited by restrictions more than opening a door or quick opening panel.

EXTERNAL *

Access limited by removing a fairing or opening an access hatch.

FUNCTIONAL CHECK (FNC):

A quantitative check to determine if one or more functions of an item performs within specified limits.

INSPECTION - DETAILED (DET):

An intensive examination of a specific item, installation or assembly to detect damage, failure or irregularity. Available lighting is normally supplemented with a direct source of good lighting at an intensity deemed appropriate. Inspection aids such as mirrors, magnifying lenses, etc. may be necessary. Surface cleaning and elaborate access procedures may be required.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

INSPECTION - GENERAL VISUAL (GVI):

A visual examination of an interior or exterior area, installation, or assembly to detect obvious damage, failure or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to ensure visual access to all surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight, or drop-light and may require removal or opening of access panels or doors. Stands, ladders, or platforms may be required to gain proximity to the area being checked.

INSPECTION - SPECIAL DETAILED (SDI):

An intensive examination of a specific item, installation, or assembly to detect damage, failure, or irregularity. The examination is likely to make extensive use of specialized Inspection Techniques and/or equipment. Intricate cleaning and substantial access or disassembly procedure may be required.

INTERNAL:

An internal structure or systems/powerplant installation. This type of inspection applies to structures and installations which may require removal of fillets, fairings, access panels, doors, etc.

ITEM:

Any level of hardware assembly (i.e., system, sub-system, module, accessory, component, unit, part, etc.)

LUBRICATION and SERVICING (LUB / SVC):

Any act of lubricating or servicing for the purpose of maintaining inherent design capabilities.

MAINTENANCE SIGNIFICANT ITEM (MSI):

Items identified by the Manufacturer whose failure:

- could affect safety (on ground or in flight) and/or
- is undetectable during operations, and/or
- could have significant operational impact, and/or
- could have significant economic impact.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

OPERATIONAL CHECK (OPC):

An operational check is a task to determine that an item is fulfilling its intended purpose. Does not require quantitative tolerances. This a failure finding task.

POWER FEEDER WIRING (or "POWER FEEDERS"):

Electrical wiring/cables directly associated with the airplane's electrical power distribution system, which includes:

1. Wiring from the external power receptacle(s) to the ground service buses.
2. Wiring from the main battery and auxiliary battery to the battery buses.
3. Wiring from the engine generators to the transfer buses.
4. Wiring from the APU generator to the transfer buses.
5. Wiring from the battery buses to the APU starter.

REPEAT INTERVAL:

The interval between successive accomplishments of a specific maintenance task after reaching the threshold interval.

RESTORATION (RST):

That work necessary to return the item to a specific standard. Restoration may vary from cleaning or replacement of single parts up to a complete overhaul.

STRUCTURAL SIGNIFICANT ITEM (SSI):

Any detail, element or assembly, which contributes significantly to carrying flight, ground, pressure, or control loads and whose failure could affect the structural integrity necessary for the safety of the aircraft.

TASKS - MAINTENANCE:

An action or set of actions required to achieve a desired outcome which restores an item to or maintains an item in serviceable condition, including inspection and determination of condition.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

THRESHOLD:

The initial accomplishment of a specific maintenance task.

VISUAL CHECK (VCK):

A visual check is an observation to determine that an item is fulfilling its intended purpose. Does not require quantitative tolerances. This is a failure finding task.



727-100/-200 MSG-3 MAINTENANCE PLANNING DATA

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