1.0 SCOPE

1.1 This specification establishes the part protection requirements for F/A-18 A/B/C/D Fracture Critical (FC) and Maintenance Critical (MC) parts and assemblies listed in MDC 74A900004, and Table I below:

<table>
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<th>PART NO.</th>
<th>PARA.</th>
<th>NOMENCLATURE</th>
<th>FC</th>
<th>MC</th>
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1.1.1 This specification also establishes part protection requirements for F/A-18 E/F Fracture Critical (FC), Maintenance Critical (MC) and Fracture Critical Traceable (FCT), parts and assemblies listed in MDC 74A900053, 74A900054 and Table II below:

**TABLE II (F/A-18 E/F)**

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**REVISION LETTER C**

**SECTION 4**

**SPECIFICATION NUMBER P-6977**

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1.1.1 This specification also establishes part protection requirements for F/A-18 E/F Fracture Critical (FC), Maintenance Critical (MC) and Fracture Critical Traceable (FCT), parts and assemblies listed in MDC 74A900053, 74A900054 and Table II below:

1.2 This document is applicable to Northrop Grumman procurement, warehousing, manufacturing, in-plant and offsite transportation and storage operations and to supplier packaging, handling and transportation operations specified herein when referenced on Engineering Drawings, Specifications, Manufacturing Operation Sheets, and Purchase Orders.
2.0 APPLICABLE DOCUMENTS

2.1 The following documents, of the same issue in effect on the date of invitation for bid or request for proposal, form a part of this specification to the extent specified herein.

2.2 Government

2.2.1 (Deleted)

2.2.2 MIL-P-17667 Paper, Wrapping, Chemically Neutral (Noncorrosive)

2.2.3 MIL-B-121 Barrier Material, Greaseproofed, Waterproofed, Flexible

2.2.4 A-A-59135 Packaging Material, Sheet

2.2.5 PPP-C-1752 Cushioning Material, Packaging, Unicellular Polyethylene Foam, Flexible

2.2.6 A-A-1051 Paperboard, Wrapping and Cushioning

2.2.7 A-A-1898 Cushioning Material, Cellulosic

2.2.8 A-A-59136 Cushioning Material, Packaging, closed cell, foam plank

2.3 Commercial

2.3.1 ½” thick Felt Sheet (Padding)

2.3.2 ¼” - ½” thick Neoprene Rubber, 50 Shore

2.3.3 LPS, No. 3 Corrosion Preventative Compound or equivalent

2.3.4 Medium cell Aircap

2.4 Air Combat Systems

2.4.1 FP-68 Application of Corrosion Preventive Compounds

2.4.2 P-430 Preservation Requirements

2.4.3 Q.A.-2 Product Quality Requirements for Fracture and Maintenance Critical Areas

2.4.4 MD-11 Pressure Sensitive Tapes

2.4.5 P-6950 Protection of 2000 and 7000 Series Aluminum Alloy

2.5 Boeing Company

74A900004 Control of Fracture and Maintenance Critical Parts for F-18 Aircraft

74A900053 Control of Fracture Critical Traceable Parts for F-18 E/F Aircraft

74A900054 Control of Fracture and Maintenance Critical Parts for F-18 E/F Aircraft
3.0 REQUIREMENTS

3.1 Materials

3.1.1 Paper, Chemically Neutral, MIL-P-17667, Type I
3.1.2 Barrier Material, Greaseproofed, MIL-B-121, Grade “A”
3.1.3 Plastic Film A-A-59135.
3.1.4 Paperboard, Wrapping and Cushioning, A-A-1051. Type I, Style I, Neutral per MIL-P-17667
3.1.5 Corrosion Preventive Compound, LPS No.3 (FP-68 Approved Products)
3.1.6 Cushioning Materials
3.1.7 Cellulosic, A-A-1898 (KIMPAC)
3.1.8 Polyethylene Foam, 2-lb. Density, PPP-C-1752
3.1.9 Aircap – medium cell
3.1.10 Tape, O.D. Cloth, MD-11, Group 7

3.2 General Handling, Storage, and Transportation

3.2.1 All parts through all phases of manufacturing operations shall be stored indoors in such a manner that they are protected from rain, fog, and corrosive environments.
3.2.2 All parts shall be packaged and handled individually to ensure that parts do not contact each other and the vehicles, rack, and accumulation containers utilized to handle the parts.
3.2.3 Loading or stacking of unprotected parts in containers, racks, dollies, or other transportation, staging or storage vehicles is not permitted.
3.2.4 Outdoor storage is not permitted.
3.2.5 FC, MC and FCT parts shall be transported in specified packaging and handling containers or vehicles. Substitute packaging and handling methods shall be authorized by Packaging Engineering only.
3.2.6 “PK” containers specified in para. 3.4, shall be uniquely color coded and identified for FC, MC and FCT parts.
3.2.6.1 All wood containers shall be painted as follows:

“INTERNATIONAL SAFETY ORANGE”
Sherwin-Williams-Kem Lustral F65E2 or equivalent.

3.2.6.2 All FC, MC and FCT parts containers shall be identified with the part number (P/N) and the words (stenciled) in black 1-inch high or larger letters, as follows:

“FRACTURE CRITICAL PARTS HANDLE WITH CARE” OR “MAINTENANCE CRITICAL PARTS HANDLE WITH CARE” OR “FRACTURE CRITICAL TRACEABLE PARTS HANDLE WITH CARE”

For those parts too small to be so identified, package in sealed poly bags containing a printed label with the required identification, as shown in Figure I. Other unit packaging and shipping containers shall be identified as shown in Figure(s) II through V.

3.2.6.3 When a strong wood or plywood shipping container made in accordance with P-700 is noted, it is understood P-700-1 applies, unless otherwise specified.
3.3 **General Part Protection at Northrop Grumman and Suppliers**

This section specifies the general part protection and packaging requirements for each part identified by Engineering as Fracture Critical, Maintenance Critical or Fracture Critical Traceable. The type and level of protection is based upon the part condition, i.e., size, shape, weight, finish (bare or painted) and the handling to which the part is subjected at Northrop Grumman Operations and as delivered to Northrop Grumman by suppliers.

3.3.1 **Supplier Packaging**

3.3.1.1 Maintain the present level of packaging specified on the Engineering Drawing, Planning Control Sheet (PCS) or Purchase Orders and the following general requirements.

3.3.1.2 **Bare Aluminum or Steel Parts**

3.3.1.2.1 Preservative – Apply LPS No.3 oil contact preservative to bare surfaces in accordance with FP-68.

3.3.1.2.2 Packaging – Individually wrap oiled parts in greaseproofed wraps.

3.3.1.3 **Finished/Painted Parts and Titanium**

3.3.1.3.1 Preservative – None.

3.3.1.3.2 Packaging – Wrap parts in neutral craft or single face (S/F) corrugated paper.

NOTE: The S/F corrugated is preferred. It provides both a wrap and cushion for individual parts.

Exception – Protect the cleanliness of titanium parts, which have been cleaned for bonding operations, by packaging individually in 4-mil. thick polyethylene bags with pressure, heat seal or tape closure. In each bag, place an identification label that shows the part number and the statement: “FRACTURE CRITICAL – HANDLE WITH CARE, MAINTENANCE CRITICAL – HANDLE WITH CARE, or FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE (as applicable)”

3.3.1.3.3 Marking – Same as para. 3.2.6.2.

3.3.2 **In-Plant Part Protection at Northrop Grumman**

3.3.2.1 Maintain supplier packaging whenever possible and practical, especially those items packaged in end opening corrugated cartons as shown in Fig. IV. Maintain the present level of packaging specified on Engineering Drawings and PCS(s) and the following general requirements.

3.3.2.2.1 Preservative – Same as para. 3.3.1.2.1.

3.3.2.2.2 Packaging – Same as para. 3.3.1.2.2.

3.3.2.2.4 Marking – Maintain markings shown in Figures I – V.

3.3.3 **Finished/Painted Parts and Titanium**

3.3.3.1 Preservative – None.

3.3.3.2 Packaging – Same as para. 3.3.1.3.2.

3.3.3.3 Packing – Same as para. 3.3.2.2.3.

3.3.3.4 Marking – Same as para. 3.2.6.2.

3.3.4 **Floor/Rack/Dolly Storage and Staging**

Parts too large or otherwise not suitable for normal handling/packaging shall be secured in racks, dollies, on shelves or transport vehicles that are padded/cushioned to protect parts from each other and the holding device. Felt, neoprene rubber or polyethylene foam cushioning (IS&E items) are approved for most applications. Contact Support Equipment and Transportability Engineering for design requirements not otherwise specified herein.
3.4 Detailed Parts Protection at Northrop Grumman and Suppliers

3.4.1 P/N 74A230100, Vertical Stabilizer Assembly.

EXPOSED CRITICAL SURFACES: 74A230708 Attach Plate (MC)
74A230718 Attach Plate (MC)
74A230761 Fitting-Rud. Hinge (MC)

STORAGE: Place on floor rack on line (ref. Figure VI).

HANDLING/TRANSPORT: Place on cart for in-plant movement (see Figure VII).

3.4.2 P/N 74A230200, Vertical Stabilizer Structure Assembly.

EXPOSED CRITICAL SURFACES: 74A230708 Attach Plate (MC)
74A230718 Attach Plate (MC)
74A230761 Fitting-Rud. Hinge (MC)

STORAGE: As per para. 3.4.1.

HANDLING/TRANSPORT: As per para. 3.4.1.

3.4.3 P/N 74A230701, LH Vertical Stabilizer, Skin Assembly.

EXPOSED CRITICAL SURFACES: 74A230708 Attach Plate (MC)

STORAGE: As per para. 3.4.1.

HANDLING/TRANSPORT: Place in PK-22730.

3.4.4 P/N 74A230708, Attach Plate – Vertical Stabilizer Panel, LH (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 10” × 2” × 52” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A230708, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one wood cleated plywood, or wood, or in fiberboard shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s protection, restoring as necessary to meet the requirements of this specification.

3.4.5 P/N 74A230711, Vertical Stabilizer, Skin Assembly, RH

EXPOSED CRITICAL SURFACES: 74A230718 Attach Plate (MC)

STORAGE: As per para. 3.4.1.

HANDLING/TRANSPORT: Place in PK-22730.

3.4.6 P/N 74A230718, Attach. Plate – Vertical Stabilizer Panel, RH (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4)

SUPPLIER PACKAGING: Per container PK-23207.

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one wood cleated plywood, or in fiberboard shipping container. Stencil carton on two sides in 1” orange or black letters: “P/N 74A230718, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s protection, restoring as necessary to meet the requirements of this specification.
3.4.7 P/N 74A230735, Rib. – Vertical Stabilizer, Lower, 54.25%-62.5% (MC)

GENERAL: Parts protection and marking shall be in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

a. If part is manufactured offsite:

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

b. If a part is manufactured at ACS:

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.8 P/N 74A230761, Fitting – Rudder Hinge Support, Lower (MC)

GENERAL: Parts protection and marking shall be in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

a. If part is manufactured offsite:

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

b. If part is manufactured at ACS:

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.9 P/N 74A240100, Rudder Assembly

EXPOSED CRITICAL SURFACES: 74A230761 Rud. Hinge (MC) – 74A240604 Rud. Hinge (MC)

STORAGE: As per para. 3.4.1.

HANDLING/TRANSPORT: Place in PK-22738.
3.4.10  
P/N 74A321010, Fuselage Section, Center – Forward Assembly

EXPOSED CRITICAL SURFACES:
- 74A321100 Longeron (MC)
- 74A321110 Longeron (MC)
- 74A321201 Bulkhead (MC)
- 74A321202 Former (MC)
- 74A321203 Former (MC)

STORAGE: Protect exposed critical surfaces per para. 3.3 through 3.3.2.4. Store in fixture or dolly (see Figure XII).

HANDLING/TRANSPORT: Move assembly by dolly and lift with overhead crane onto jigs and norail.

3.4.11  
P/N 74A321100, Longeron – Main Upper, Y374.8 – 447.5 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack up to 10 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.12  
P/N 74A321101, Splice – Main Upper Longeron; Y442 through Y453 (MC)

PRESERVATION: The requirements of Specification P-6950 apply.

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.13  
P/N 74A321110, Longeron, Main Lower, Y374.8 – Y488.0 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack up to 10 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.14  
P/N 74A321200, Center Bulkhead Assembly, Y453.0

EXPOSED CRITICAL SURFACES:
- 74A321201 Bulkhead (MC)
STORAGE: As per para. 3.4.1.

HANDLING/TRANSPORT: Place in PK-22739-201.

3.4.15 P/N 74A321201, Bulkhead, Y385 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 47” × 7” × 52” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A321201, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging and packing up to the first manufacturing operation, restoring as necessary to meet the general requirements of this specification (para. 3.3 through 3.3.2.4) or use PK-22732. For intra- and interfacility movement after first manufacturing operation use PK-22739-201.

3.4.16 P/N 74A321202, Former, Fuselage Center, Lower Centerline, Y383 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.17 P/N 74A321203, Former, Fuselage Center Lower Outboard, Y383 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.18 P/N 74A321210, Bulkhead Assembly, Fuselage Center Section, Y419

EXPOSED CRITICAL SURFACES: 74A321211 Bulkhead (MC)

STORAGE: Per para. 3.4.1, store on floor rack (see Figure IX) or in PK-22732.

HANDLING/TRANSPORT: Place in PK-22739-201.

3.4.19 P/N 74A321211, Bulkhead, Y419 (MC)

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Protect in accordance with the General Requirements of this specification (para. 3.3 through 3.3.2.4). For inter and intrafacility movement use PK-22739-201.
3.4.20 P/N 74A321215, Former, Fuselage Center Lower. Outboard, Y419 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.21 P/N 74A321420, Fuel Bay Floor Assembly, Y383 – Y453

EXPOSED CRITICAL SURFACES: 74A321423 Floor Segment (MC)

STORAGE/HANDLING/TRANSPORT: Enclose each part in single-faced corrugated wrap. Legibly mark the statement: “MAINTENANCE CRITICAL – HANDLE WITH CARE.”

3.4.22 P/N 74A321421, Cover Fuel Access (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

NORTHROP GRUMMAN AND SUPPLIER PARTS PROTECTION: Protect and identify each part in accordance with the requirements of para. 3.3 through 3.3.2.4. Use PK-22616-28 to transport between manufacturing operations and between Northrop Grumman and offsite operations.

3.4.23 P/N 74A321423, Floor Segment, Y383-Y453 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.24 P/N 74A321500, Keel Beam Assembly, Y374.8 – Y453.0

EXPOSED CRITICAL SURFACES: 74A321110 Longeron (MC)

STORAGE: Place on an arm rack (see Fig. X-A).

HANDLING/TRANSPORT: Move part on a mobile screen rack or by hand (see Fig. X).

3.4.25 P/N 74A324030, Structure, Fuselage Assembly – Upper A/C, Y453-Y557

EXPOSED CRITICAL SURFACES: 74A324106 Longeron (MC)
74A324407 Dorsal Deck (MC)

HANDLING/TRANSPORT: Secure part to one of the dunnage boards from a PK-22737 and move on a mobile rack (see Fig. XI-A).

3.4.26 P/N 74A324040, Structure, Keel Assembly, Y488-Y557.5

EXPOSED CRITICAL SURFACES: 74A324108 Longeron (MC)

STORAGE/HANDLING/TRANSPORT: Place in a PK-22736.
3.4.27  P/N 74A324102, Segment, Upper Outboard Longeron, Y453-557.5 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.28  P/N 74A324105, Longeron, Lower Outboard, Y445-557.5 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.29  P/N 74A324106, Longeron, Upper Center Section Fuselage, Y447.5-557.5 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 10 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.30  P/N 74A324108, Longeron, Lower Inboard, Y488 –557.5 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 10 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport
packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.
3.4.31 **P/N 74A324112, Splice, X-7, Lower Longeron, Y488 (MC)**

**GENERAL:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

**SUPPLIER PACKING:** As required by applicable freight regulations, overpack up to 10 packaged parts in one shipping container.

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.32 **P/N 74A324201 – Bulkhead Assembly, Y453.0 (FC)**

**STORAGE/HANDLING/TRANSPORT:** Protect per para. 3.3 through 3.3.2.4 and place in PK-22739-101 or handling fixture HFLD 74A324204 (see Fig. XIII).

3.4.33 **P/N 74A324202, Bulkhead, Fuselage Structural Section Y453 (FC)**

**SUPPLIER PACKAGING:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to ensure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A324202, FRACTURE CRITICAL – HANDLE WITH CARE.”

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging and packing up to first manufacturing operation, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4) or use PK-22733. After first manufacturing operation utilize PK-22739-101.

3.4.34 **P/N 74A324203, Bulkhead Assembly, Y470.5 (FC)**

**EXPOSED CRITICAL SURFACES:** 74A324204 Bulkhead (FC)

**STORAGE/HANDLING/TRANSPORT:** Protect per para. 3.3 through 3.3.2.4 and place in a PK-22739-101 or in handling fixture HFLD 74A324204 (see Fig. XIII).

3.4.35 **P/N 74A324204, Bulkhead Fuselage Center Section, Y470.5 (FC)**

**SUPPLIER PACKAGING:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to ensure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A324204, FRACTURE CRITICAL – HANDLE WITH CARE.”

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging and packing up to the first manufacturing operation, restoring as necessary to meet the general requirements of this specification (para. 3.3 through 3.3.2.4) or use PK-22733. For intra- and interfacility movement after first manufacturing operation use PK-22739-101.

3.4.36 **P/N 74A324205, Bulkhead Assembly, Y488.0 (FC)**

**EXPOSED CRITICAL SURFACES:** 74A324206 Bulkhead (FC)
3.4.37  P/N 74A324206, Bulkhead, Fuselage Center Section, Y488.0 (FC)

SUPPLIER PACKAGING: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to ensure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A324206, FRACTURE CRITICAL – HANDLE WITH CARE.” Deliveries from local suppliers may also be made in Northrop Grumman container PK-22733.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging up to the first manufacturing operation, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4) or use PK-22733. For intra- and interfacility movement after first manufacturing operation use PK-22739-101.

3.4.38  P/N 74A324207, Bulkhead Assembly, Y557.5

EXPOSED CRITICAL SURFACES: 74A324208 Bulkhead (MC)

STORAGE/HANDLING/TRANSPORT: Protect exposed critical surfaces (per para. 3.3 through 3.3.2.4) and place in a PK-22739-101 or on handling fixture HFLD 74A32404 (See Fig. XIII).

3.4.39  P/N 74A324208, Bulkhead, Fuselage Center Section, Y557.5 (MC)

SUPPLIER PACKAGING: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to ensure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A324208, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging and packing up to the first manufacturing operation, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4) or use PK-22734. For intra- and interfacility movement after first manufacturing operation use PK-22739-101.

3.4.40  P/N74A324218, Cap Segment, Bulkhead-Fuselage Center Section, Lower, Y557.5 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.
3.4.40.1 **P/N 74A324230, Bulkhead, Fuselage Center Section, Y557.5 (MC)**

**SUPPLIER PACKAGING:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKING:** To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to ensure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A324230, FRACTURE CRITICAL – HANDLE WITH CARE.”

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging and packing up to the first manufacturing operation, restoring as necessary to meet the general requirements of this specification (para. 3.3 through 3.3.2.4) or use PK-22734. For intra- and interfacility movement after first manufacturing operation use PK-22739-101.

3.4.41 **P/N 74A324307, Former Assembly, Y508.0**

**EXPOSED CRITICAL SURFACES:** 74A324208 (FC)

**STORAGE/HANDLING/TRANSPORT:** Protect and mark (per para. 3.3 through 3.3.2.4) and transport in a suitable rigid container. DO NOT MIX WITH OTHER PARTS.

3.4.42 **P/N 74A324308, Former, Fuselage Center Section, Y508 (FC)**

**GENERAL:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** Package individually in 53” × 4½” × 14” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A324308, FRACTURE CRITICAL – HANDLE WITH CARE.”

**SUPPLIER PACKING:** As required by applicable freight regulations, overpack up to 10 packaged parts in one shipping container.

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.43 **P/N 74A324407, Floor Segment – Upper Aircraft, Y453.0 to Y557.5 (MC)**

**NORTHROP GRUMMAN PARTS PROTECTION:** (Part is manufactured complete at Northrop Grumman) Protect and identify individually in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4), and pack up to 5 parts in one PK-22740. DO NOT MIX WITH OTHER PARTS.

3.4.44 **P/N 74A324502, Support, Side Brace – Main Landing Gear (MC)**

**GENERAL:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** Package individually in 8½” × 6½” × 14” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A324502, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

**SUPPLIER PACKAGING:** As required by applicable freight regulations, overpack several packaged parts in one shipping container.

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.45  P/N 74A324573, Support, Side Brace Assembly, Y468.22

EXPOSED CRITICAL SURFACES: 74A324502 Side Brace (MC)

STORAGE/HANDLING/TRANSPORT: Enclose each part in 4-mil. min. thick polyethylene. Transport between departments in a suitable rigid container. DO NOT MIX WITH OTHER PARTS.

3.4.45.5  P/N 74A324926, Plate, Splice - Aircraft, Fuselage Center Section, Y442-Y453 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.46  P/N 74A331000, Aft Fuselage Side Panel Assembly

EXPOSED CRITICAL SURFACES: 74A331110 Longeron (MC)
74A331115 Longeron (MC)
74A331321 Former (MC)

STORAGE/HANDLING/TRANSPORT: Protect critical surfaces in accordance with para.3.3 through 3.3.2.4 and place in a PK-22735 (see Fig. XIV).

3.4.47  P/N 74A331110, Longeron – Fuselage Aft Section Upper Outboard, Y558.821 to Y657.35 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 20 parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.48  P/N 74A331115, Longeron, Fuselage Aft Section, Lower Outboard, Y557.5 to Y657.35 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 12 parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport
packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.
3.4.49 P/N 74A331321, Former – Fuselage Aft Section, Outboard, Y598.0 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 26” x 5” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A331321, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.49.1 P/N 74A331377, Former, Titanium - Fuselage Aft Section, Outboard, Y598.000 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A331377, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 thru 3.3.2.4), or protect in accordance with the General requirements of this specification (Para. 3.3 thru 3.3.2.4). For inter and intra facility movement use PK-22741.

3.4.50 P/N 74A331345, Former Assembly, Y645.85

EXPOSED CRITICAL SURFACES: 74A331346 Former (FC)

STORAGE: Protect per para. 3.3 through 3.3.2.4, using single-faced corrugated wrap or an individual carton marked with the part number and “FRACTURE CRITICAL – HANDLE WITH CARE” in 1” stenciled letters.

HANDLING/TRANSPORT: Move packaged parts in any adequate rigid container. DO NOT MIX WITH OTHER PARTS.

3.4.51 P/N 74A331346, Former – Fuselage Aft Section, Outboard, Y645.85 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 24” x 4½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A331346, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.52 P/N 74A331347, Plate, Structural, Aircraft – Aft Section, Y645.85 – Y657.35 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.53 P/N 74A331348, Plate, Structural, Aircraft – Former, Y645.85 and 657.35 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.54 P/N 74A331350, Former, Fuselage Aft Section, Y657.35

EXPOSED CRITICAL SURFACES: 74A324108 Longeron (MC)

STORAGE: Protect per para. 3.3 through 3.3.2.4, using single-faced corrugated wrap or an individual carton marked with the part number and “FRACTURE CRITICAL – HANDLE WITH CARE” in 1” stenciled letters.

HANDLING/TRANSPORT: Move packaged parts in any adequate rigid container. DO NOT MIX WITH OTHER PARTS.

3.4.55 P/N 74A331351, Former, Fuselage Aft Section, Outboard Y657.35 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 23” × 4” × 34” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A331351, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.56 P/N 74A331352, Plate, Structural, Aircraft – Former, Y645.85 and 657.35 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.57 P/N 74A331356, Former, Fuselage Aft Section, Outboard, Y645.85 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 23” x 4” x 34” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A331356, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.58 P/N 74A331361, Former, Fuselage Aft Section, Outboard, Y657.35 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 22” x 2½” x 33” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A331361, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.59 P/N 74A331401, Support – Horizontal Stabilizer (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 23” x 8½” x 39” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A331401, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.60 P/N 74A331800, Spindle. Horizontal Stabilizer Support (FC)
SUPPLIER PACKAGING: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKING: Deliver to Northrop Grumman utilizing a PK-22731.
NORTHROP GRUMMAN PARTS PROTECTION: For inter- and intrafacility movement utilize a PK-22731.

3.4.61 P/N 74A331802, Spindle, Assembly, Horizontal Stabilizer
EXPOSED CRITICAL SURFACES: 74A331800 Spindle (FC)
STORAGE/HANDLING/TRANSPORT: Place in a PK-22731 for storage or interdepartmental transport.

3.4.62 P/N 74A332001, Longeron Assembly, Lower Fuselage Aft Section, Y657.35
EXPOSED CRITICAL SURFACES: 74A332511 Longeron (MC)
STORAGE: Protect per para. 3.3 through 3.3.2.4 and wrap in min. 4-mil. polyethylene film.
HANDLING/TRANSPORT: Move through Northrop Grumman Ops. on a standard “mercury” trailer or tub trailer. DO NOT STACK OTHER PARTS ON TOP OF THIS PART.

3.4.63 P/N 74A332109, Plate, Structural, A/C – Longeron Upper Inboard, Y557.5 (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
NORTHROP GRUMMAN PARTS PROTECTION: (Part is manufactured complete at Northrop Grumman) Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.” Retain individual package through stores operations. Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.64 P/N 74A332121, Longeron – Fuselage Aft Section, X7.0, Y557.5 to Y590.5 (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”
SUPPLIER PACKAGING: As required by applicable freight regulations, overpack up to 20 parts in one shipping container.
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.65 P/N 74A332348, Former Assembly, Fuselage Section, Y645.85 (MC)
EXPOSED CRITICAL SURFACES: 74A332349 Former
STORAGE: Protect per para. 3.3 through 3.3.2.4 using single-faced corrugated wrap or individual corrugated carton marked with the part number and “MAINTENANCE CRITICAL – HANDLE WITH CARE” in 1” stenciled letters.
HANDLING/TRANSPORT: Move packaged parts in any adequate rigid container. DO NOT MIX WITH OTHER PARTS.
3.4.66 **P/N 74A332349, Former, Aft Fuselage Section Inboard, Y645.85 (MC)**

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 51” × 7” × 43” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A332349, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the General Requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.67 **P/N 74A332353, Former, Segment Assembly Aft Fuselage, Y657.35**

EXPOSED CRITICAL SURFACES: 74A332354 Former (MC)

STORAGE: Protect per para. 3.3 through 3.3.2.4 using single-faced corrugated wrap or individual corrugated carton marked with the part number and “MAINTENANCE CRITICAL – HANDLE WITH CARE” in 1” stenciled letters.

HANDLING/TRANSPORT: Move packaged parts in any adequate rigid container. DO NOT MIX WITH OTHER PARTS.

3.4.68 **P/N 74A332354, Former, Fuselage Aft Section, Inboard, Y657.35 (MC)**

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 43” × 6” × 46” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A332354, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.69 **P/N 74A332359, Former, Fuselage Aft Section, Inboard, Y645.85 (MC)**

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 42½” x 6½” × 47” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A332359, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.70  P/N 74A332511, Longeron – Fuselage Aft Section Lower, Y557.5 to Y657.35 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack up to 10 parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.71  P/N 74A332520, Support, Arresting Hook (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 10” × 7” × 55” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A332520, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.72  P/N 74A332560, Plate Structural Splice, Lower Inboard (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.73  P/N 74A332561, Plate Structural Splice, Lower Inboard (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport
packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.
3.4.74 P/N 74A501200, Engine Mount Assembly

EXPOSED CRITICAL SURFACES: 74A501203 Mount, Eng, Thrust Q.B. (MC)
74A501204 Bolt, Eye (MC)
74A501221 Mount, Eng. Thrust (MC)

STORAGE: Protect per para. 3.3 through 3.3.2.4, enclosing each part in a min. 4-mil. thick polyethylene bag. In each bag, place a label that contains the part number and the statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

HANDLING/TRANSPORT: Move packaged part in any adequate rigid container. DO NOT MIX WITH OTHER PARTS.

3.4.75 P/N 74A501201, Engine Mount Assembly

EXPOSED CRITICAL SURFACES: 74A501202 (MC)
74A501203 (MC)
74A501204 (MC)

STORAGE/HANDLING/TRANSPORT: Use same instructions as for P/N 74A501200 in para. 3.4.74 above.

3.4.76 P/N 74A501202, Mount, Engine Thrust, Outboard (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 10 parts in one shipping container. Interleaf between packages with either single-face or double-face corrugated board.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.77 P/N 74A501203, Clamp, Mount-Engine Thrust (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.
3.4.78 P/N 74A501204, Bolt, Eye-Clamp Engine Thrust Mount (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.79 P/N 74A501221, Mount, Engine Thrust, Inboard (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4-mil. thick polyethylene bag with pressure, heat seal or tape closure. In each bag, place an identification label that contains the part number and the following statement: “MAINTENANCE CRITICAL PART – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack up to 10 parts in one shipping container. Interleaf between packages with either single-face or double-face corrugated board.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a suitable rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.80 P/N 74A342319, Former, Inboard - Y631.25, Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A342319, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.81 P/N 74A328212, Bulkhead, Fuselage Center Section, Y472.500 (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328212, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.82  P/N 74A328222, Former, Inboard - Y694.35, Aft Fuselage (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328222, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.83  P/N 74A328242, Bulkhead, Fuselage Center Section, Y510.000 (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328242, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.84  P/N 74A344801, Spindle, Horizontal Stabilizer - Aircraft (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Deliver to Northrop utilizing a PK-22731-2.

NORTHROP GRUMMAN PARTS PROTECTION: For inter and intra-facility movement utilize a PK-22731-2.

3.4.85  P/N 74A344326, Former, Outboard - Y679.850, Aft Fuselage (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 26” x 4” x 37” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A344326, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.86  P/N 74A344331, Former, Outboard - Y694.350, Aft Fuselage (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 25” x 4” x 34” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A344331, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.87  P/N 74A325301, Former - Centerline, Lower, Y383.000 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 14” x 6” x 10 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A325301, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 10 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.88  P/N 74A325303, Former - Centerline, Lower, Y419.000 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 5 ½” x 4 ¼” x 14” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A325303, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 10 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.89  P/N 74A342314, Former, Inboard - Y618.000, Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 45 ½” x 3 ½” x 53 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342314, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.90  P/N 74A342333, Former - Fuselage Aft Section, Inboard Y645.000 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in “43 ½” x 3 ½ x 46 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342333, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.91  P/N 74A344353 Former, Inboard, Y694.35, Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 40 ½” x 3 ¾” x 38 ¼” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A344353, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.92  P/N 74A328312, Bulkhead, Fuselage - Center Section Y591 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328312, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.93  P/N 74A341301, Former, Outboard - Y604.750, Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 35 ¼” x 5” x 23 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341301, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.94  P/N 74A341306, Former, Outboard - Y618.000, Aft Fuselage (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: Package individually in 34 ½” x 5” x 23” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341306, MAINTENANCE CRITICAL – HANDLE WITH CARE.”
SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.95  P/N 74A341311, Former, Outboard - Y631.250, Aft Fuselage (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: Package individually in 34” x 5 ½” x 22 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341311, MAINTENANCE CRITICAL – HANDLE WITH CARE.”
SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.96  P/N 74A341316, Former, Outboard - Y645.000, Aft Fuselage (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: Package individually in 31 ¾” x 4” x 23 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341316, MAINTENANCE CRITICAL – HANDLE WITH CARE.”
SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.97  P/N 74A341110, Longeron, Upper, Outboard, Y591.500 to Y694.350, Aft Fuselage (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: Package individually in 7 ¼” x 8” x 101 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341110, MAINTENANCE CRITICAL – HANDLE WITH CARE.”
SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 6 packaged parts in one shipping container.
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.98 P/N 74A341115, Longeron, Lower, Outboard, Y591.500 to Y694.350, Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 3 ¾” x 5 ½” x 104 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341115, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 6 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.99 P/N 74A341175, Support - Structural, Outboard Engine Mount (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 5 ½” x 7 ½” x 13 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341175, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.100 P/N 74A342166, Support Channel, Aft Engine Mount (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 9” x 4 ½” x 3 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342166, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.101 P/N 74A342168, Beam, Support, Aft Engine Mount (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 2 ¾” x 4 ¾” x 20 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342168, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.102  P/N 74A342343, Former, Inboard, Y882.000, Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package the -2001 individually in 42 ¼” x 22 ¼” x 3 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342343-2001, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

Package the -2003 individually in 18” x 5 ½” x 2 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342343-2003, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

Package the -2004 individually in 18” x 5 ½” x 2 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342343-2004, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKAGING: As required by applicable freight regulations, overpack -2001, -3003, -2004 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.103  P/N 74A342520, Support, Structure Component, Arresting Hook, Pylon Support (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A342520, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.104  P/N 74A342811, Forging, Support, Structural Component, Arresting Hook (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A342811, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

FABRICATOR’S PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.105  P/N 74A344349, Former, Inboard Detail, Y679.85, Aft Fuselage Section (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 47” x 40 ½” x 8 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A344349, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.106  P/N 74A344401, Support Assembly, Structural, Horizontal Stabilizer, Aft Fuselage (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A344401, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.107  P/N 74A231605, Plate, Forging, Attach, Vertical Tail, LH (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A231605, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

FABRICATOR PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.108  P/N 74A231606, Plate, Attach, LH (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A231606, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.109  P/N 74A231615, Plate, Forging, Attach, Vertical Tail, RH (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A231615, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

FABRICATOR PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.110  P/N 74A231616, Plate, Attach, RH (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop Grumman, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A231616, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.111  P/N 74A328213, Forging, Wing Carry Thru Bulkhead, Center Fuselage Section (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328213, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.112  P/N 74A328360, Forging, Bulkhead, Fuselage, Center Section Y472.500 (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328360, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.113 P/N 74A342309, Former, Upper, Inboard Y604.750 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 45 ¼” x 22 ½” x 3 ¼” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342309, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 2 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.114 P/N 74A342511, Longeron, Lower, Y591.500 to Y694.350, Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 96” x 11 ¼” x 5 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342511, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.115 P/N 74A342523, Support, Inboard Engine Mount (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 13 ¾” x 6 ½” x 3” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342523, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 6 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.116 P/N 74A325323, Forging, Centerline, Lower Frame, Y419.000 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A325323, FRACTURE CRITICAL – HANDLE WITH CARE.”

FABRICATOR’S PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.117 P/N 74A328209, Forging, Side Brace, MLG (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1" orange or black letters: “P/N 74A328209, FRACTURE CRITICAL – HANDLE WITH CARE.”

FABRICATOR’S PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.118 P/N 74A328361, Forging, Bulkhead, Fuselage, Center Section, Y491.000 (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328361, FRACTURE CRITICAL TRACEABLE—HANDLE WITH CARE.”

FABRICATOR’S PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.119 P/N 74A328362, Forging, Bulkhead, Fuselage, Center Section, Y510.000 (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328362, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.120 P/N 74A328946, Fitting, Side Brace, MLG (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 11 ¾” x 12 ¾” x 6 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328946, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.121 P/N 74A325305, Forging, Y383.000 Former, Centerline, Center Fuselage (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A325305, FRACTURE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.122 P/N 74A325321, Forging, Centerline, Lower Former, Y383.000 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A325321, FRACTURE CRITICAL – HANDLE WITH CARE.”

FABRICATOR’S PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.123 P/N 74A328262, Former, Fuselage Center Section, Y541.864 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328262, FRACTURE CRITICAL – HANDLE WITH CARE.”

FABRICATOR’S PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.124 P/N 74A328414, Web, Missile Beam, Y491.00 to Y510.00 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 22” x 18 ¾” x ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328414, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 8 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.125  P/N 74A328945, Forging, Fitting, Side Brace Attach, MLG (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A328945, FRACTURE CRITICAL – HANDLE WITH CARE.”

FABRICATOR’S PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.126  P/N 74A325100, Longeron, Dorsal, Y374.800 to Y436.000, Center Fuselage, Fwd (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 61 ¾” x 10” x 4 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A325100, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.127  P/N 74A325101, Longeron, Fuel Floor, Y373.450 to Y453.000 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 78 ¾” x 8 ¼” x 5 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A325101, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.128  P/N 74A325104, Longeron, Lower, X7.000, Center Fuselage, Forward (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 89 ¾” x 9 ¼” x 5 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A325104, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.129 P/N 74A325109, Forging, Fuel Floor Longeron, Y373.450 to Y453.000 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to fabricator, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A325109, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

FABRICATOR’S PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.130 P/N 74A325201, Bulkhead, Fuselage, Forward Center Fuselage, Y383.000 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A325201, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.131 P/N 74A325204, Forging, Y383.000 Bulkhead - Center Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 62 ½” x 57 ½” x 10 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A325204, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 1 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.132 P/N 74A328120, Longeron - Keel, Y462.0 to 598.0, Aft Center Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 139 ½” x 11” x 11 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328120, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.133 P/N 74A328127, Longeron - Fuselage Center, Lower Outboard, Y453.000 to Y591.000 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 142 ¼” x 16 ½” x 9” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328127, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.134 P/N 74A328202, Frame, Fuselage - Aft Center Section, Y453.000 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 73 ½” x 50 ½” x 8” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328202, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 1 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.135 P/N 74A328445, Forging, Keel Longeron - Y462.000 to Y598.000, Aft Center Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 153” x 15 ½” x 12 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328445, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.136 P/N 74A501750, Mount Assembly, Engine Thrust, Inboard - Y618.000 to Y631.250 (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 11” x 9” x 6” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A501750, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.137  P/N 74B501751, Eyebolt Assembly, Engine Mount (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4 Mil. Thick polyethylene bag with pressure heat seal or tape closure. Place in 3” x 3” x 6” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74B501751, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.138  P/N 74B501760, Mount Assembly, Engine Thrust, Outboard Y618.000 to Y631.250 (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 11” x 9” x 6” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74B501760, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.139  P/N 74B501758, Pin, Thrust Mount, Engine - Y618.000 to Y631.250 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4 Mil. Thick polyethylene bag with pressure heat seal or tape closure. Place in 2” x 2” x 5” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74B501758, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a rigid container but DO NOT MIX WITH OTHER PARTS.
3.4.140 P/N 74A328269, Die Forging, Former Y541.864 Canted (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328269, FRACTURE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a rigid container but DO NOT MIX WITH OTHER PARTS.

3.4.141 P/N 74A093165, Longeron Segment, Lower O/B, Y665-Y694 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 32” x 5” x 5” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A093165, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.142 P/N 74A325203, Bulkhead, Y436 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil carton on two sides in 1” orange or black letters: “P/N 74A325203, FRACTURE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.143 P/N 74A325315 Forging, Former, Lower Y419 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 14 ¾” x 6 ½” x 7 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A325315, FRACTURE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.144 P/N 74A328274, Forging, Bulkhead, Y555.5-Y591.5 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328274, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.145 P/N 74A328927, Forging, Longeron Lower Outboard, Y453-Y591.5 (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil carton on two sides in 1” orange or black letters: “P/N 74A328927, FRACTURE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.146 P/N 74A341117 Longeron, Lower Outboard, Y591.500 - Y694.350, Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 106” x 6” x 4 ¾” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341117, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.147 P/N 74A341322 Forging, Former - Outboard Y604.750 Aft Fuselage (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 38” x 33” x 6 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341322, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.148  P/N 74A341323 Forging, Former - Outboard Y618.000 Aft Fuselage (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: Package individually in 38” x 27 ½” x 6 ½” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341323, MAINTENANCE CRITICAL – HANDLE WITH CARE.”
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.149  P/N 74A341324 Forging, Former - Outboard Y631.25, Aft Fuselage (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: Package individually in 37” x 27 ½” x 7” I.D., 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341324, MAINTENANCE CRITICAL – HANDLE WITH CARE.”
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.150  P/N 74A341801, Forging, Outboard Engine Mount Support (MC)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341801, MAINTENANCE CRITICAL – HANDLE WITH CARE.”
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.151  P/N 74A341802, Spindle, Forging - Horizontal Stabilator (FCT)
GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).
SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341802, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”
NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.152 P/N 74A341810 Y604.75, Y618.00 and Y631.25 Outboard Forging (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A341810, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.153 P/N 74A342121, Y591.50 - Y694.35 Upper Keel Longeron (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A342121, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.154 P/N 74A342801, Forging, Former Upper Inboard, Y604 (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A342801, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.155 P/N 74A342802, Forging, Die, Y604.75 Former Upper Inboard (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A342802, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
### MATERIALS HANDLING MANUAL

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### 3.4.156 P/N 74A342812, Forging, Support - Arresting Hook (MC)

**GENERAL:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A342812, MAINTENANCE CRITICAL – HANDLE WITH CARE.”

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

### 3.4.157 P/N 74A344332 Forging, Former Outboard - Y679.850, Aft Fuselage (FCT)

**GENERAL:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A344332, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

### 3.4.158 P/N 74A344333, Forging, Support - Arresting Hook (FCT)

**GENERAL:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A344333, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

### 3.4.159 P/N 74A344403, Forging, Support - Arresting Hook (FCT)

**GENERAL:** Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

**SUPPLIER PACKAGING:** To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A344403, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

**NORTHROP GRUMMAN PARTS PROTECTION:** Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.160  P/N 74A344811, Outboard Former Y679.85 & Y694.35, Forging (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A344811, FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.161  P/N 74A344812 Forging Former - Fuselage Aft Section, Inboard, Y679 Assembly (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A344812, MAINTENANCE CRITICAL– HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.162  P/N 74A344813, Forging, Support - Arresting Hook (MC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: To make delivery to Northrop, utilize a strong wood or plywood shipping container made in accordance with P-700 with adequate cushioning or blocking and bracing to assure that all part surfaces are protected from any physical or chemical damage. Stencil container on two sides in 1” orange or black letters: “P/N 74A344813, MAINTENANCE CRITICAL– HANDLE WITH CARE.”

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).

3.4.163  P/N 74A501753 Forging, Engine Mount, Inboard - Outboard Thrust (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A501753-2003 FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.” or “P/N 74A501753-2005 FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.” or “P/N 74A501753-2007 FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.” As applicable.

SUPPLIER PACKING: As required by applicable freight regulations, overpack up to 4 packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4).
3.4.164 P/N 74A501754 Hand Forging - Engine Thrust Mount (FCT)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Stencil carton on two sides in 1” orange or black letters: “P/N 74A501754 FRACTURE CRITICAL TRACEABLE – HANDLE WITH CARE.”

3.4.165 P/N 74B328236 Bolt/Sleeve Assembly, Tapered - Special Purpose (FC)

GENERAL: Provide parts protection and marking in accordance with the requirements of this specification (para. 3.3 through 3.3.2.4).

SUPPLIER PACKAGING: Package individually in 4 Mil. Thick polyethylene bag with pressure heat seal or tape closure. Package up to 6 bags in a 275-lb. min. test, FOL style fiberboard carton with tape closure. Cushion or wrap as required with pH neutral material. Mark or label carton on two sides with orange or black letters: “P/N 74B328236, FRACTURE CRITICAL– HANDLE WITH CARE.”

SUPPLIER PACKING: As required by applicable freight regulations, overpack several packaged parts in one shipping container.

NORTHROP GRUMMAN PARTS PROTECTION: Retain supplier’s packaging, restoring as necessary to meet the requirements of this specification (para. 3.3 through 3.3.2.4). Transport packaged parts between departments in a rigid container but DO NOT MIX WITH OTHER PARTS.
4.0 PRODUCT QUALITY PROVISIONS

4.1 Product Quality shall maintain surveillance of the receipt, storage, preservation, packaging, handling, and transportation of all parts covered by this specification to ensure compliance with the requirements herein.

4.2 Product Quality shall report and request action on all deficiencies noted.

4.3 Inspection, in addition to that described herein, shall be performed as determined by physical evidence such as wetness, contamination, inadequate packaging or protection.

4.4 Product Quality shall verify that parts are protected against corrosive environment during all manufacturing operations.

4.5 Parts and packaging that, upon receipt from a vendor, exhibit evidence of wetness, corrosion, or physical damage, shall not be accepted if delivered by supplier vehicle. If delivered by common carrier, the shipment shall be accepted, and exception noted on the freight bill, and the shipment rejected and subsequently returned to the supplier at his expense.

4.6 Material Product Quality shall conduct periodic audits of suppliers, distributors/jobbers, and subcontractors to ensure compliance with the requirements of this specification.

4.7 Product Quality shall verify that all material to be transported within or between facilities, including suppliers, is protected and packaged in accordance with this specification.

4.8 A periodic audit inspection of stored materials shall be performed per applicable Product Quality Work Instructions to ensure compliance with this specification.

5.0 PREPARATION FOR DELIVERY

5.1 This section is not applicable to this specification.

6.0 NOTES

6.1 Information pertaining to, or additional copies of, this document may be obtained from:

Northrop Grumman Corporation
Air Combat Systems
Support Equipment and Transportability Engineering Organization 7E80/W2
One Hornet Way
El Segundo, CA 90245-2804
FIGURE I.
SEALED POLYETHYLENE FILM BAG

FIGURE II.
NEUTRAL KRAFT OR GREASE-PROOFED WRAP

FIGURE III.
SINGLE FACE (S/F) CORRUGATED PAPER WRAP

FIGURE IV.
CORRUGATED FIBERBOARD CARTON (END OPENING)

FIGURE V.
SHIPPING OR PK HANDLING CONTAINER
FIGURE VI. ON-LINE VERTICAL STABILIZER RACK
FIGURE VII. SHOP CART WITH PADDED END BOARDS
FIGURE VIII. TUB TRAILER
Use Tub Trailer To Move Individually Covered 74A321200 Bulkhead Assemblies
DO NOT MIX WITH OTHER PARTS IN TUB
FIGURE IX. FLOOR “POLE” RACK
Soft Covers on Poles Must Be in Good Condition. No Contact Between Stored Parts Permitted.
FIGURE X. ARM RACK

FIGURE X-A. MOBILE SCREEN RACK
FIGURE XI. PK-22737

Store up to Four Fuselage Structure Assemblies into One PK-22737.
FIGURE XI-A.
P/N 74A324030 Fuselage Structure Assembly Attached to One of the Dunnage Boards from PK-22737.
Move Part on Dunnage Board Between Manufacturing Operations on a Mobile “A” or by Hand.
FIGURE XII. DOLLY FOR P/N 74A321010 CENTER FUSELAGE SECTION
FIGURE XIII. HFLD 74A324264 HANDLING FIXTURE

FIGURE XIV. PK-22735