NATIONAL TRANSPORTATION SAFETY BOARD
Investigative Hearing
UPS flight 2976
Boeing MD-11F, N259UP
Crash During Takeoff in Louisville, Kentucky
November 4, 2025

EXHIBIT
11U

Maintenance Attachment 20
AMM-54-05-03-210-801

(6 Pages)

NACELLES/PYLONS - STRUCTURAL INSPECTIONS - INSPECTION/CHECK

1. General

A. This procedure contains MSG-3 task card data.

TASK 54-05-03-210-801

2. PYLON MAIN FRAME, STRUCTURE UPPER SPAR, UPPER SURFACE - GENERAL VISUAL INSPECTION

NOTE: This procedure is a scheduled maintenance task.

A. Inspection

SUBTASK 54-05-03-010-001

(1) Gain access as required.

SUBTASK 54-05-03-160-001

(2) Clean inspection area as required.

NOTE: It is expected that the area to be inspected is clean enough to minimize the possibility that accumulated dirt, lint, fibers or grease might hide unsatisfactory conditions that would otherwise be obvious. Any cleaning that is considered necessary should be performed in accordance with accepted procedures in order to minimize the possibility of the cleaning process itself introducing anomalies.

SUBTASK 54-05-03-210-001

(3) Do the general visual inspection.

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

SUBTASK 54-05-03-010-002

(4) Install removed panels.

(5) Record corrosion findings.

(a) Corrosion finding: Yes _____ No _____

(b) If yes in Step (5)(a), record specific area of corrosion on a non-routine form and list the non-routine(s) identification number(s) here _____.

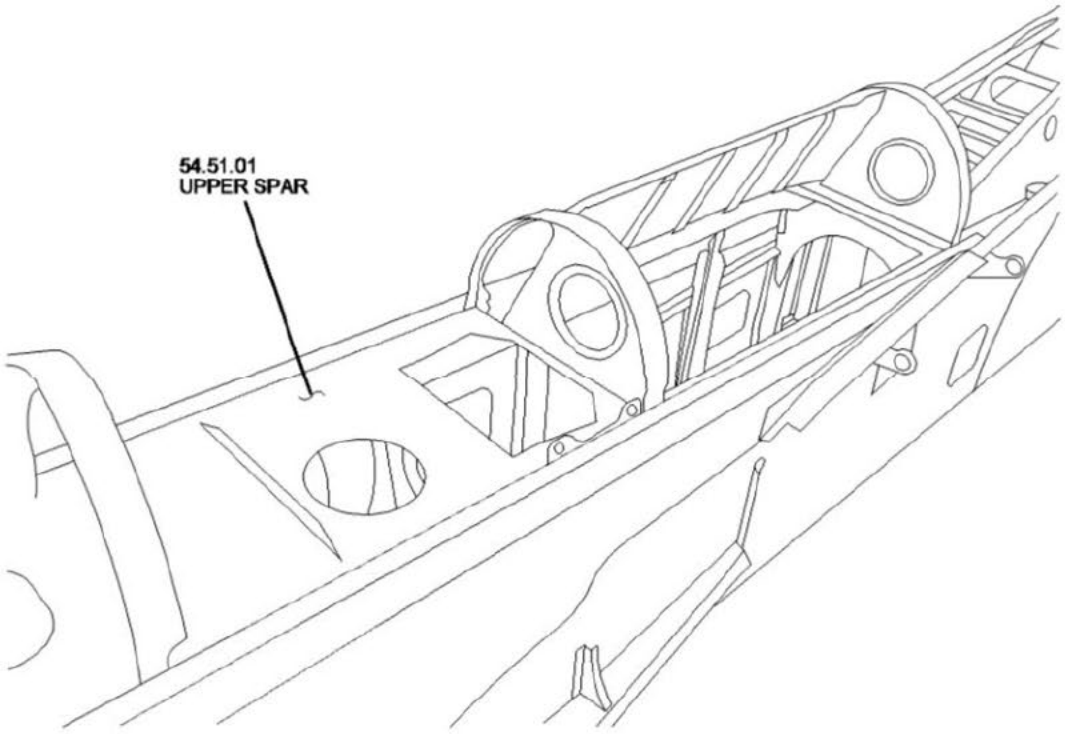
(6) Record structural findings.

(a) Structural finding: Yes _____ No _____

(b) If yes in Step (6)(a), record specific area of structural cracking on a non-routine form and list the non-routine(s) identification number(s) here _____.

——— END OF TASK ———

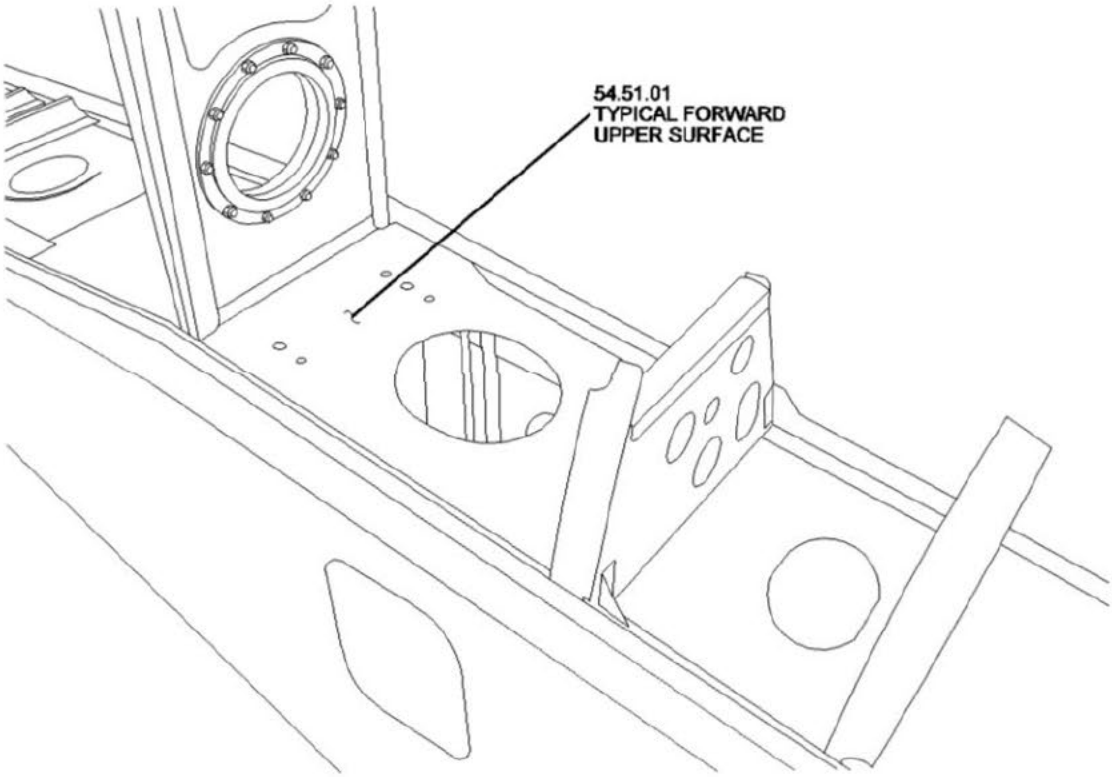
Copyright Boeing. Reproduced with permission.



54-1-2
S0000155049V1

Pylon Upper Spar
Figure 601/54-05-03-990-801

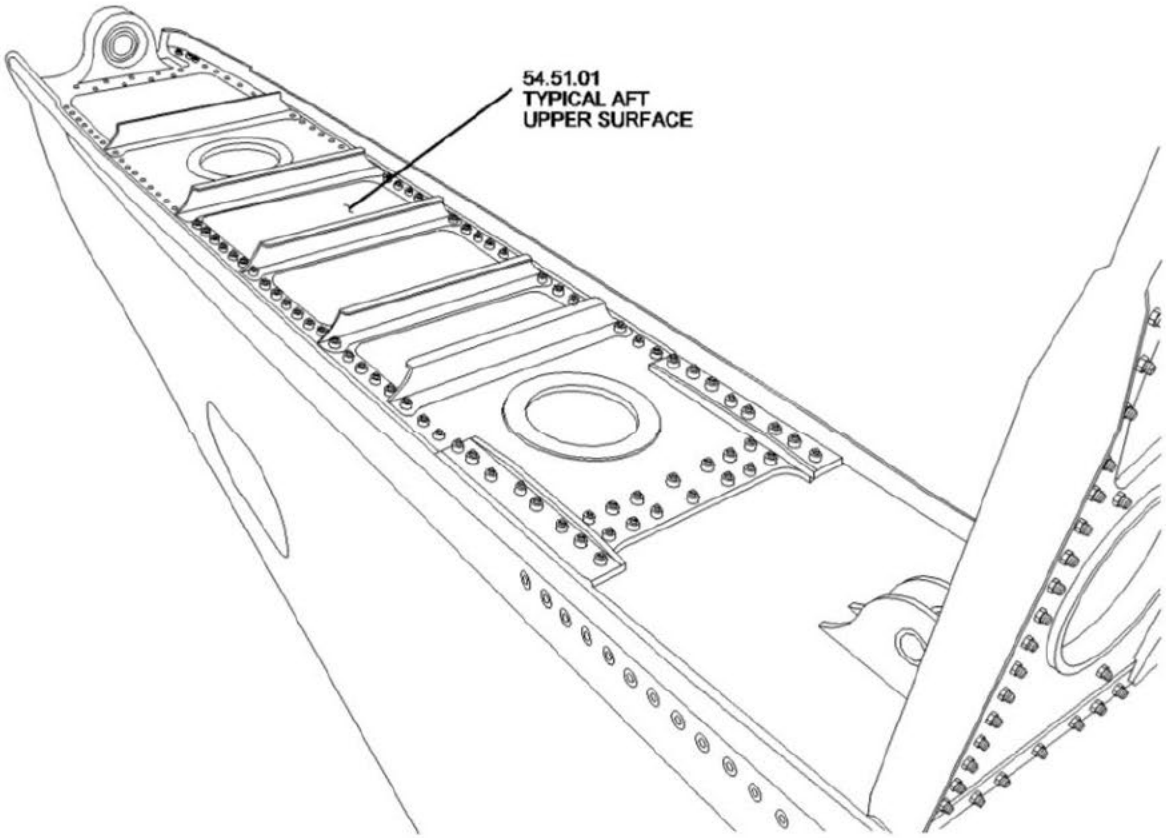
Copyright Boeing. Reproduced with permission.



54-1-3
S0000155050V1

Upper Spar
Figure 602/54-05-03-990-802

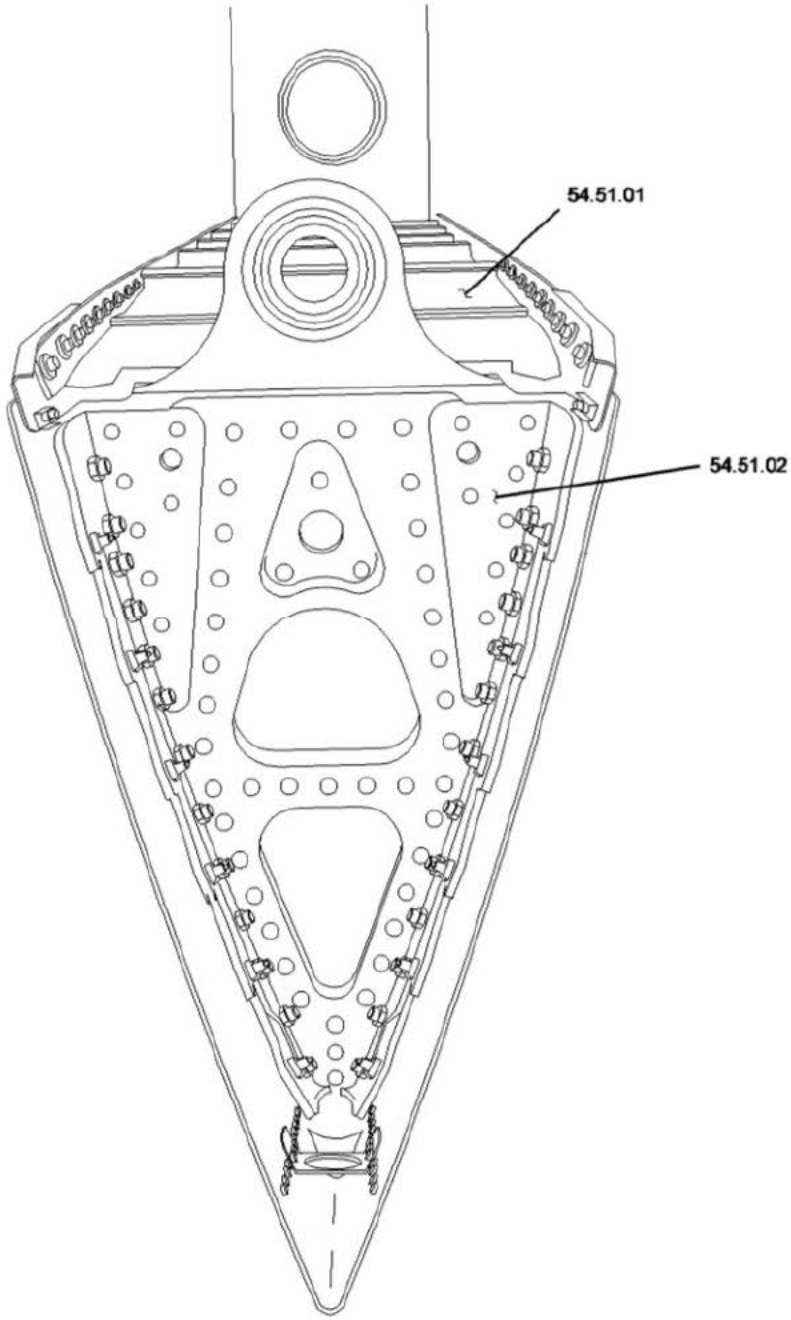
Copyright Boeing. Reproduced with permission.



54-1-4
S0000155056V1

Upper Spar
Figure 603/54-05-03-990-803

Copyright Boeing. Reproduced with permission.



54-2-1
S0000155068V1

Typical Aft Bulkhead View From Rear
Figure 604/54-05-03-990-809

Copyright Boeing. Reproduced with permission.