

DC-10

SERVICE BULLETIN

BULLETIN A52-35
DC-10 SC 795

DOORS - Cargo - Install Lock Mechanism Viewing Window.

1. Planning Information:A. Effectivity:(1) Aircraft Affected:Model DC-10, Series 10

<u>Operator</u>	<u>Factory Serial No.</u>	<u>*Mfr's Fuselage No.</u>
AA	46503 thru 46515	5, 7, 9, 12, 13, 20 thru 24, 30, 31, and 37
CO	46900 thru 46903	34, 40, 41, and 43
NA	46700 thru 46703 46706	14, 16, 18, and 19 38
UA	46600 thru 46613	4, 6, 8, 10, 11, 15, 17, 25 thru 27, 32, 35, 39, and 42

Affected aircraft other than those listed above will be modified prior to delivery or included in a subsequent revision to this Service Bulletin.

*Manufacturer's fuselage numbers are applicable to affected aircraft at time of Service Bulletin issue and are for reference only.

B. Reason:

The following wire was forwarded on June 16, 1972 to all operators of DC-10 aircraft:

"June 16, 1972

THIS WIRE CONSTITUTES ALERT SERVICE BULLETIN A52-35. ONE INCIDENT HAS OCCURRED WHERE THE AFT LOWER BULK CARGO DOOR OPENED IN FLIGHT AND SEPARATED FROM THE AIRCRAFT.



IT IS RECOMMENDED A LOCK MECHANISM VIEWING WINDOW BE INSTALLED IN THE FORWARD, CENTER AND AFT LOWER CARGO DOORS. INSTALLATION OF THE WINDOW WILL PERMIT VISUAL INSPECTION TO DETERMINE THE DOORS ARE LATCHED AND LOCKED PRIOR TO FLIGHT.

THE FOLLOWING REWORK IS TYPICAL FOR ALL CARGO DOORS:

1. OPEN CARGO DOOR.
2. LOCATE AND INSTALL VIEWING WINDOW IN CARGO DOOR PER DRAWING ADA7793.
3. LOCATE AND INSTALL FOLLOWING PLACARDS PER DRAWING ADA7793.
 - A. INSTALL PLACARD, P/N ADA7795 (FORWARD AND CENTER DOORS), AND PLACARD, P/N ADA7794 (AFT DOOR), BELOW EXTERIOR CONTROL PANEL DOOR. BOTH PLACARDS STATE:

CAUTION: VERIFY LATCH LOCKPINS ENGAGED.
 - B. INSTALL PLACARD, P/N ADA7796 (ALL DOORS), ON EXTERIOR SURFACE OF DOOR ADJACENT TO THE VENT DOOR HANDLE. THE PLACARD STATES:

CAUTION: DO NOT FORCE HANDLE. IF HANDLE WILL NOT OPERATE RESTORE POWER TO DOOR AND HOLD DOOR CONTROL SWITCH TO DOOR CLOSE POSITION FOR ADDITIONAL THREE SECONDS. MOVE HANDLE TO CLOSE POSITION.
 - C. INSTALL PLACARD, P/N ADA7792 (ALL DOORS), ON EXTERIOR SURFACE OF DOOR ABOVE VIEWING WINDOW. THE PLACARD IS ILLUSTRATED AND STATES:

LOCK PIN ENGAGED. SYSTEM SAFE.

LOCK PIN NOT ENGAGED. SYSTEM UNSAFE.
4. FUNCTIONALLY CHECK DOOR SYSTEM AND OPERATION BY PERFORMING STEPS 1 THROUGH 6 DOUGLAS TWX C1-SVC-DC-10-COM-77 DATED 13 JUNE 1972. PRIOR TO EACH FLIGHT CARGO RESTRAINT CURTAIN AT AFT BULK CARGO DOOR, IF INSTALLED, MUST BE PROPERLY SECURED IN PLACE AT TOP, SIDES AND BOTTOM BEFORE CLOSING DOOR.

R. N. FRANKEL
MANAGER CUSTOMER SERVICE"

C. Approval:

This Service Bulletin is FAA approved.

D. Manpower:

This modification may be accomplished in approximately 4.5 man-hours and/or 1.5 elapsed hours per aircraft.

E. References:

Douglas drawing ADA7793 (attached).

2. Accomplishment Instructions:

Information required for this modification is outlined in paragraph 1.B.

3. Material Information:

Parts required to accomplish this modification have been forwarded to affected operators.

WFP

June 19/72

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