



SERVICE BULLETIN

No. 391

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

June 6, 1974

Subject:

Cargo Loading Instructions

Models Affected:

PA-31 Navajo

Serial Numbers Affected:

31-735 to 31-7401227 incl. (with cargo door and/or cargo barrier equipment installed)

Compliance Time:

Immediately upon receipt of this Service Bulletin.

Purpose:

To provide cargo loading data relative to affected aircraft specified above, in accordance with the cargo loading placard data reproduced on the attached illustration.

Instructions:

1. Aircraft with cargo door only: check the cargo door (interior) upper trim panel to insure that the proper cargo loading placard (identical to the attached placard reproduction) is installed.
 - a. If the placard is not installed or if the existing placard is not identical to the attached reproduction, refer to the attached cargo loading data placard reproduction until a new placard can be obtained and installed (reference Material Required, below).
 - b. If the existing placard is identical to the attached reproduction, no further action is required.
2. Aircraft with cargo door and cargo interior furnishings option (cargo barrier, straps, tie-downs, etc.): comply with Instructions No. 1, above and check the aft baggage compartment upper rear panel to insure that the proper cargo loading placard (identical to the attached reproduction) is installed.
 - a. If the placard is not installed or if the existing placard is not identical to the attached reproduction, refer to the attached cargo loading placard reproduction until new placard can be obtained and installed (reference Material Required, below).
 - b. If the existing placard is identical to the attached reproduction, no further action is required.

Instructions: (continued)

- c. In other words, for aircraft with both the cargo door and the cargo interior interior furnishings option installed, two (2) cargo loading placards (identical to the attached reproduction) are required, located as described above.

3. Placard Installation Instructions:

- a. Aircraft with cargo door only:
 1. Center placard on (interior) upper trim panel.
 2. Install placard using six (6) each MS20470-A3-3 black anodized rivets, Piper Code No. 420 192.
- b. Aircraft with cargo door and cargo interior furnishings option (cargo barrier, straps, tie-downs, etc.)
 1. Center placard on upper rear panel.
 2. Install placard using six (6) each MS20470-A3-3 black anodized rivets, Piper Code No. 420 192.

4. Make appropriate log book entry subsequent to placard installation.

Material Required:

1. Cargo Loading Placard, Piper Part No. 53716-00 (582 082), either one (1) each or two(2) each required per aircraft, per Instructions 1 and 2, above.
2. Six (6) each MS20470-A3-3 black anodized rivets, Piper Code No. 420 192 per placard.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity Date:

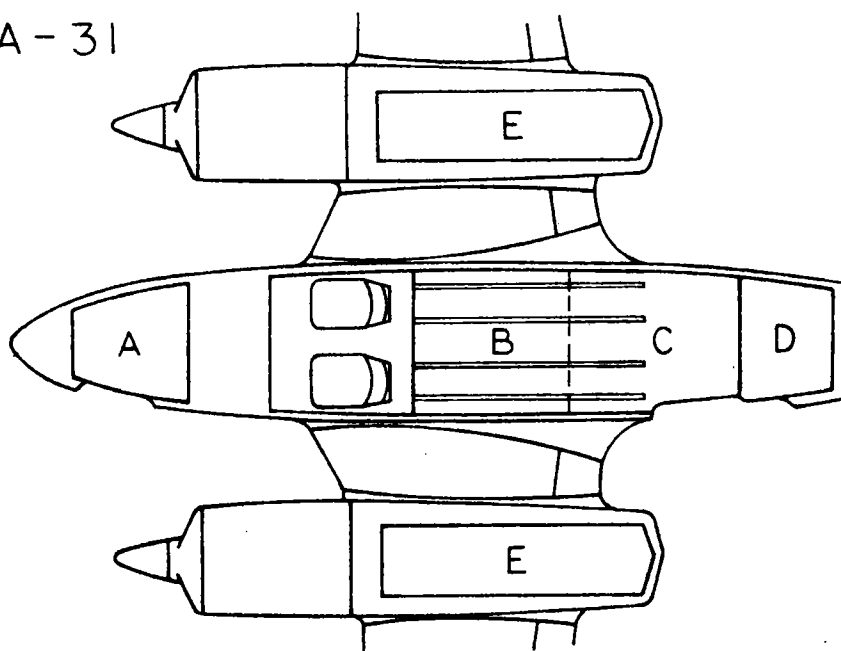
This Service Bulletin is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to obtain the material specified in the body of this release. This material is available free of charge through your Piper Field Service Facility.

A Service Publication Compliance form is enclosed with each copy of this service release mailed to affected owners of record; this form is to be filled out according to instructions on the form reverse side and left with the Piper Field Service Facility performing compliance.

○ PA-31 ○



○ MAXIMUM CAPACITY ○

AREA A	FLOOR LOAD LBS/SQ. FT.	ALLOWABLE LBS.	
A	100	150	
B	150	640	1475 TOTAL
C	150	640	
D	100	200	
E	10	150 EACH. DO NOT EXCEED 100 DIFF BETWEEN LOCKERS	

MAXIMUM TIEDOWN CAPACITY

PER FOOT OF TRACK 200LBS
PER TRACK 600LBS
PER TIEDOWN RING 200 LBS

CARGO MUST BE LOADED WITHIN THE WEIGHT
AND BALANCE LIMITS OF THIS AIRCRAFT

○ CODE NO. 582 082 ○