



# SERVICE LETTER

No. 956

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

May 17, 1982

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Subject:

Cabin Door Cable Assembly Inspection and  
Modification

Models Affected:

PA-31T Cheyenne/Cheyenne II  
PA-31T1 Cheyenne I  
PA-31T2 Cheyenne II XL

Serial Numbers Affected:

31T-7620015 through 31T-8120061  
31T-7804001 through 31T-8104069  
31T-8166001 through 31T-8166044

Compliance Time:

At owner/operators discretion.

Purpose:

Field reports have been received of the aft cabin door support cable end fitting breaking where it screws into the lower rod end bearing. When the cable is pulled forward or rearward, the channel (Part Number 49129-02) restricts the rod end bearing movement, sometimes causing the cable end to bend and, possibly, break.

This Service Release provides instructions for inspection of cables and for removal of the Channel, Part Number 49129-02, to prevent the possible damage to the aft door support cables.

Instructions:

1. Pull back the lower boot assembly on the aft door support cable.
2. Secure the bolthead, and unscrew the nut from the bolt fastening the cable's rod end bearing to the door support bracket. Remove and discard the Part Number 49129-02 Channel (Refer to Sketch A).
3. Remove the rod end bearing and inspect the cable end. Replace the cable assembly if the cable end is found to be bent or cracked.
4. Modify cabin door trim panel in accordance with Sketch B.
5. Reinstall rod end, attach cable to door and adjust to proper length.
6. Make appropriate logbook entry of compliance.

Material Required:

1. If required, one (1) each Aft Door Support Cable, Piper Part Number 47716-04, for aircraft without cargo door.
2. If required, one (1) each Lower Aft Door Support Cable, Piper Part Number 57462-03, for aircraft with cargo door.

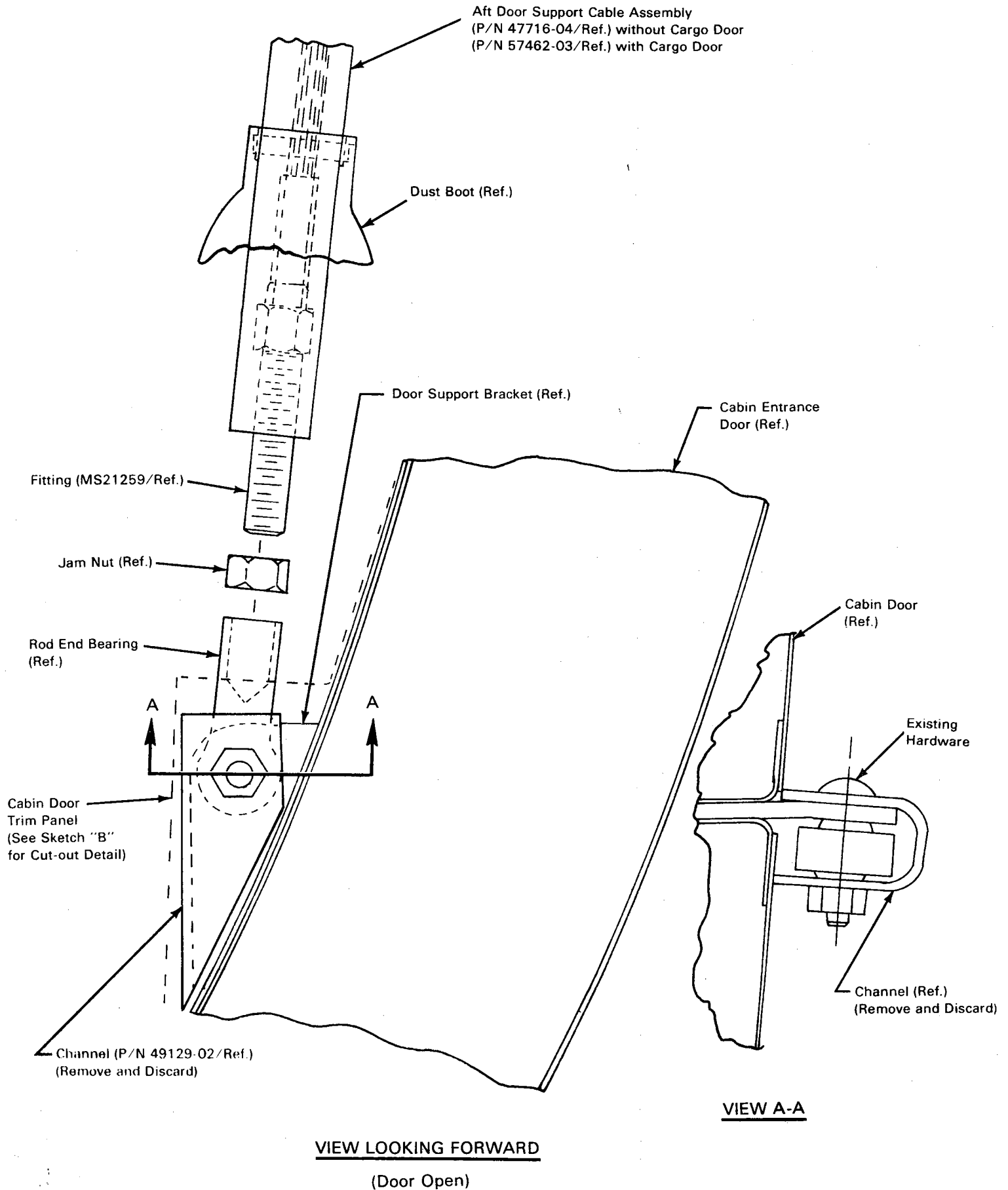
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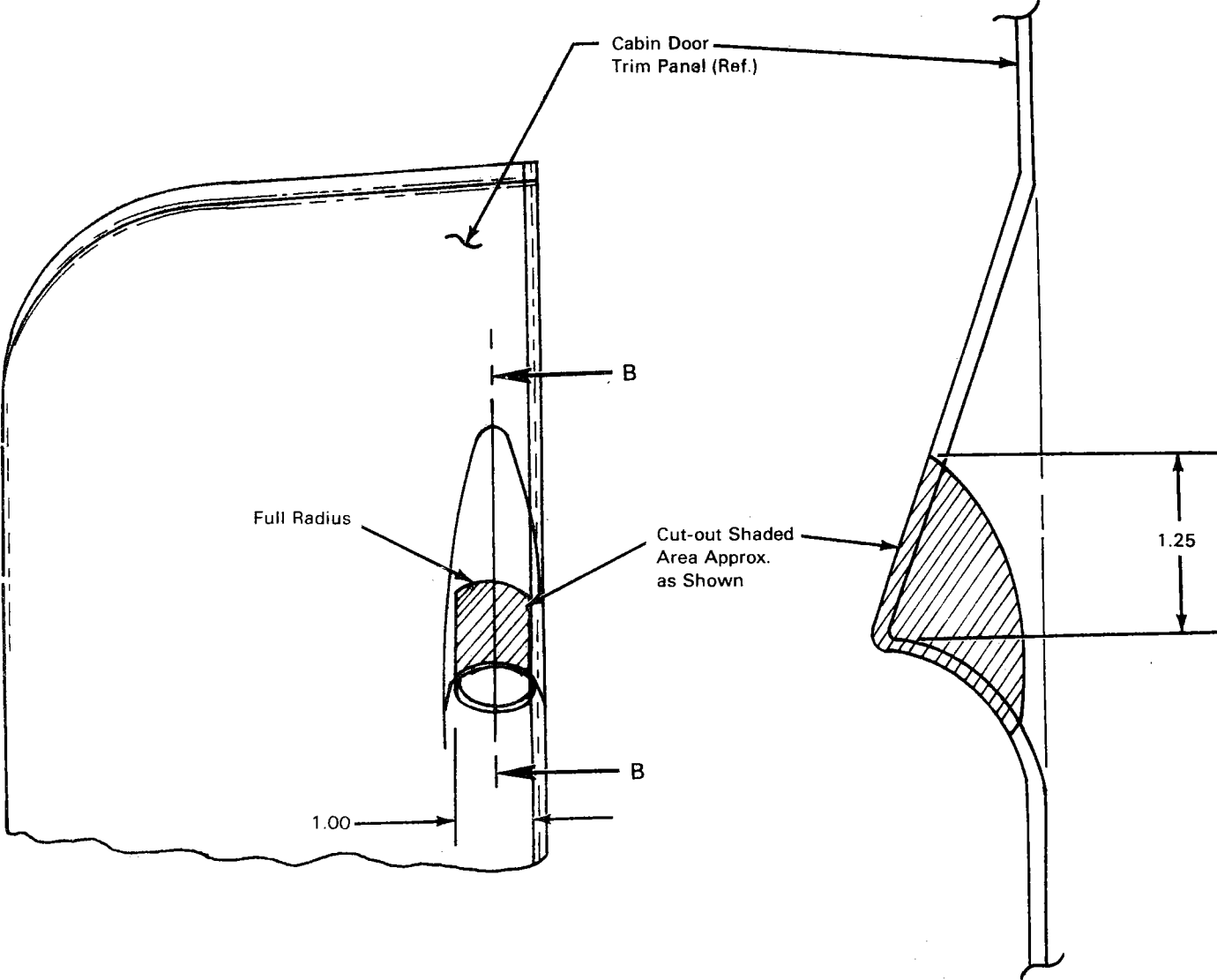
ATA: 5210

Availability of Parts: Your Piper Field Service Facility.

Effectivity Date: This Service Release is effective upon receipt.

Summary: Please contact your Piper Field Service Facility to make arrangements for compliance with this Service Release in accordance with Compliance Time, above.

SKETCH "A"REF. S. L. 956



CABIN DOOR TRIM PANEL  
CUT-OUT DETAIL

VIEW B-B