



# SERVICE BULLETIN

No. 525

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"Modification DOA EA-1 Approved"

November 15, 1976 M

Subject: Pilot/CoPilot Seat Latch Mechanism Modification

Models Affected: Serial Numbers Affected:

- PA-31 and PA-31-300 Navajo..... 31-1 to 31-7300965 Inclusive; 31-7300966\*;  
31-7300967; 31-7300969; 31-7300970\*\*;  
31-7300971\*; 31-7300972\*; 31-7300974\*;  
and 31-7400980.
  
- PA-31-350 Navajo Chieftain ..... 31-5001 to 31-7305104 Inclusive; 31-7305106;  
31-7305107\*\*; 31-7305109\*\*; 31-7305111;  
31-7305113\*; 31-7305114; 31-7305117\*;  
31-7305119\*\*; 31-7305121; 31-7305122;  
31-7305123\*; 31-7305125\*; 31-7405128\*;  
31-7405130\*; 31-7405131\*; 31-7405137; and  
31-7405142.
  
- PA-31P Pressurized Navajo ..... 31P-1 to 31P-7300160 Inclusive; 31P-7300161\*;  
31P-7300162; 31P-7300163\*; 31P-7300167\*;  
31P-7300169\*; 31P-7300171\*; 31P-7400173;  
31P-7400174\*; and 31P-7400175\*.
  
- PA-31T Cheyenne ..... 31T-7400002\*.

NOTE:

Above serial numbers reflect both pilot and copilot seats being affected, unless indicated otherwise: an asterisk (\*) immediately following the aircraft serial number denotes copilot seat only requires modification, and a double asterisk (\*\*) indicates the pilot seat only requires modification.

Compliance Time: At the next inspection interval (100 hour or Programmed Inspection Event), not to exceed the next 100 hours of operation.

Purpose: A report has been received from the field describing a condition in which the pilot's seat latch mechanism plunger jammed in the "up" position, failing to relock upon release of the seat adjustment lever. This condition could permit inadvertent fore and aft travel of the pilot/copilot seat.

Purpose: (continued)

This service release provides material and instructions to install a bracket over the plunger/ seat track release link assembly to prevent excessive upward movement of the plunger, thus insuring relocking of the plunger when the seat adjustment lever is released.

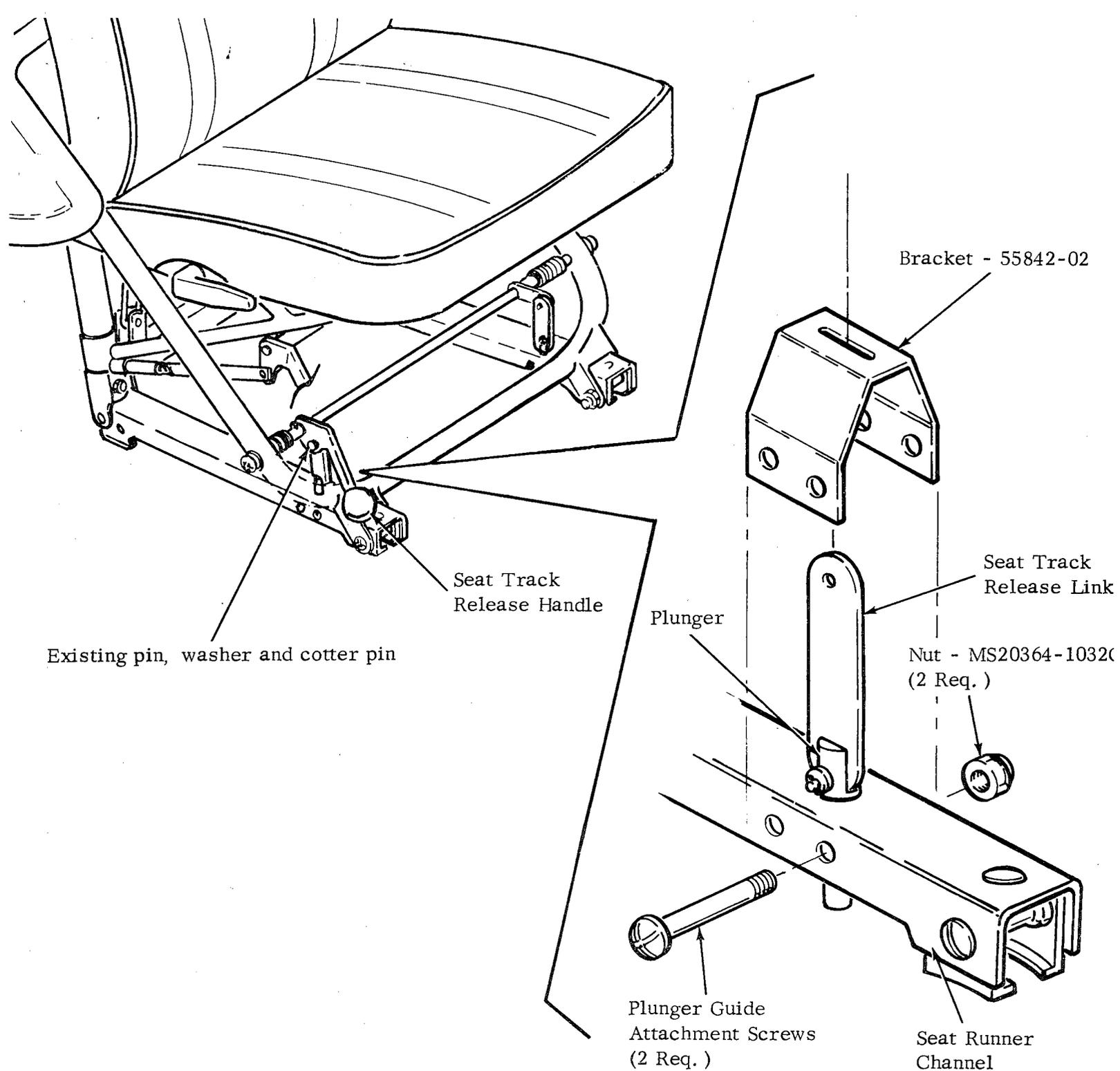
Instructions: Refer to attached sketch/instruction sheet for seat frame bracket installation details.

Material Required: One (1) each per seat (i.e., maximum two per aircraft) - reference Serial Numbers Affected, above - Piper part no. 55842-02 Seat Frame Bracket.

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 the provisions of this service release in accordance with Compliance Time, above. Reimbursement for material cost (see Material Required, above) is available through your Piper Field Service Facility in accordance with Piper Field Service Facility material allowance credit application procedures.



### INSTRUCTIONS

1. Remove the pin, washer and cotter pin attaching the seat track release link to the seat track release handle, as shown above. Retain hardware for reinstallation. Do not remove link and plunger assembly from seat runner channel.
2. Remove the two plunger guide attachment screws as shown above. Retain screws for reinstallation and discard cap nuts.
3. Install bracket 55842-02 to seat runner channel, as shown above, using the two existing screws and two new MS20364-1032C nuts (procure nuts locally).
4. Attach seat track release link to seat track release handle using existing hardware as shown.
5. Make proper logbook entry of Service Bulletin 525 compliance.