

SUBJECT: SEAT BELT LATCHING MECHANISMS,
INSPECTION AND MODIFICATION

MODELS/
SERIAL NUMBERS
AFFECTED: Mooney M20J S/N 24-0985, 24-0986, 24-0988 thru
24-0994, 24-0998 and 24-1000
Mooney M20K S/N 25-0361 thru 25-0363,
25-0366, 25-0368, 25-0370,
25-0371, 25-0374 thru 25-0379,
25-0383, and 25-0385 thru
25-0388

TIME OF
COMPLIANCE: MANDATORY compliance within 90 days of
notification.

INTRODUCTION: It has been determined that some seat belts
may not properly engage the latching
mechanism when the steel fitting is inserted
into the buckle. Suspect seat belts may have
been installed on some of the above model
aircraft. (The F.A.A. strength requirements
are met when only one latch is engaged.)

INSTRUCTIONS: The attached Service Bulletin from Davis
Aircraft Products describes the inspection
procedure to determine if modification to
installed seat belts are required.

1. Inspect the seat belts per the attached
Service Bulletin and modify the buckle
frame as needed to ensure both latching
lugs are fully engaged.
2. When inspection and/or modification has
been accomplished an entry in the Aircraft
Log Book should be made and the compliance
card returned to Mooney Aircraft Corporation.

REFERENCE
DATA: Davis Aircraft Products Co., Inc. Service
Bulletin dated June 5, 1980.

PARTS LIST: Not applicable.

FIGURES/
TABLES: See attached Service Bulletin.



DAVIS AIRCRAFT PRODUCTS CO., INC.

EXECUTIVE OFFICE & PLANT

SCUDDER & WOODBINE AVES., NORTHPORT, L. I., N. Y. 11768, PHONE: AREA CODE 516-261-1000

SERVICE BULLETIN

SUBJECT: Possible Improper Latching of Seat Belt Assemblies
FDC-5900-160-4 and FDC-5900-160-6

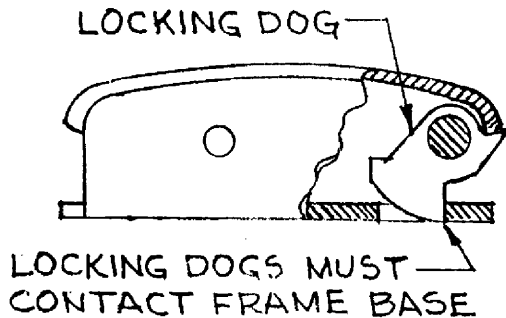
This bulletin concerns only those seat belts which use the special steel fitting FDA-5486M10-1. It does not affect seat belt assemblies using our standard aluminum release fitting FD-5486.

We have found that the release fitting may latch improperly when inserted into the buckle. Improper latching exists if both locking dogs are not engaged with the release fitting. (Note: FAA strength requirements are met even if only one locking dog is engaged.)

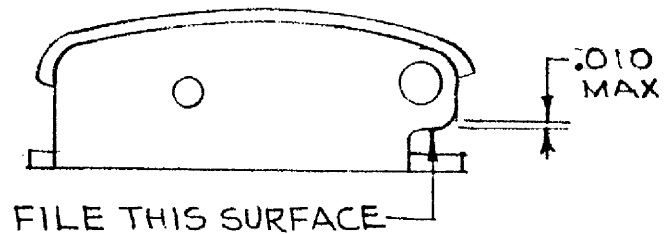
To inspect for improper latching, insert the release fitting into the buckle and observe the locking dogs through the rectangular slots in the base of the buckle. If properly engaged, the locking dogs will make contact with the buckle frame base. (Sketch A)

Improper latching may be easily corrected by filing that area of the buckle frame which receives and limits the movement of the release fitting. (Sketch B) The amount of material removed should not exceed .010 inch.

Sketch A



Sketch B



NOTE

Applicable only to subject assemblies having a TSO mfg. date between January and April 1980, inclusive.

Signature of W. Henderson, Director of Quality Control

June 5, 1980