



SERVICE BULLETIN

No. 425

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA SO-1 Approved"

June 14, 1974

Subject: Replacement of Wing Spar Center Section Bolts

Models Affected: PA-36-285 Pawnee Brave
Serial Numbers Affected: 36-7360001 to 36-7460016 incl.

Compliance Time: Within the next 10 hours of operation.

Purpose: To inspect the bolt holes in the corners of the wing spar center section to insure that the holes have not become elongated and to replace the attachment bolts and associated hardware that correspond to the corner wing spar center section attachment points. (The attached sketch/instruction sheet visually depicts this area.)

Instructions: Refer to attached sketch/instruction sheet.

1. Remove the four bolts from the corners of the wing spar center section and discard.
2. Inspect and record size of each of the four holes.
3. Enlarge these four holes to 5/16 of an inch plus .005 inch - .001 inch diameter. NOTE: If a maximum hole size of .318 inch does not eliminate evidence of elongation, contact the Customer Services Department, Vero Beach, Florida, for further information.
4. Install appropriate attachment bolts and associated hardware supplied in Piper Kit No. 760 871V, Spar Assembly Carry Through Corner Bolts Replacement, and torque to 100/140 inch pounds at the nut.
5. Make appropriate log book entry.
6. Return the service release compliance card (enclosed) with a record of hole sizes recorded per Instructions No. 2, above.

Material Required: One each per aircraft Piper Kit No. 760 871V, Spar Assembly Carry Through Corner Bolt Replacement. (over)

Availability of Parts:

Your Piper Field Service Facility.

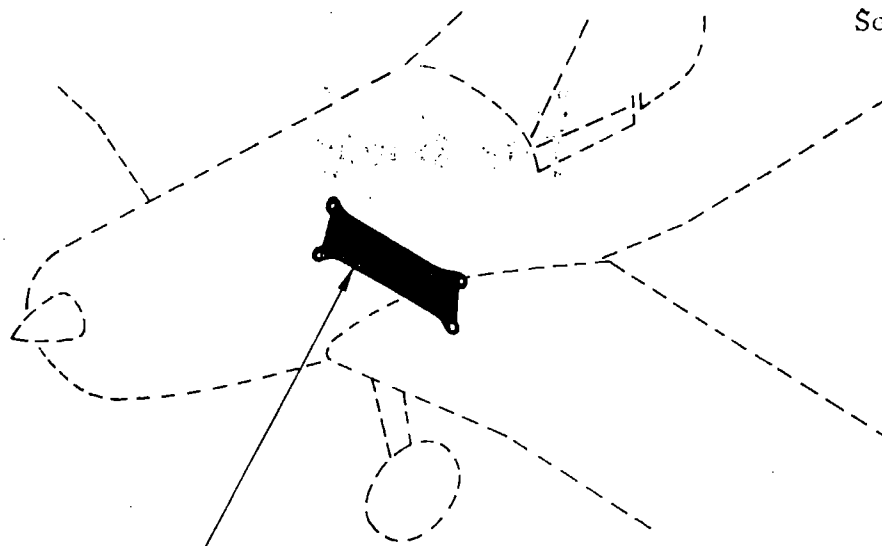
Effectivity Date:

This Service Bulletin is effective upon receipt.

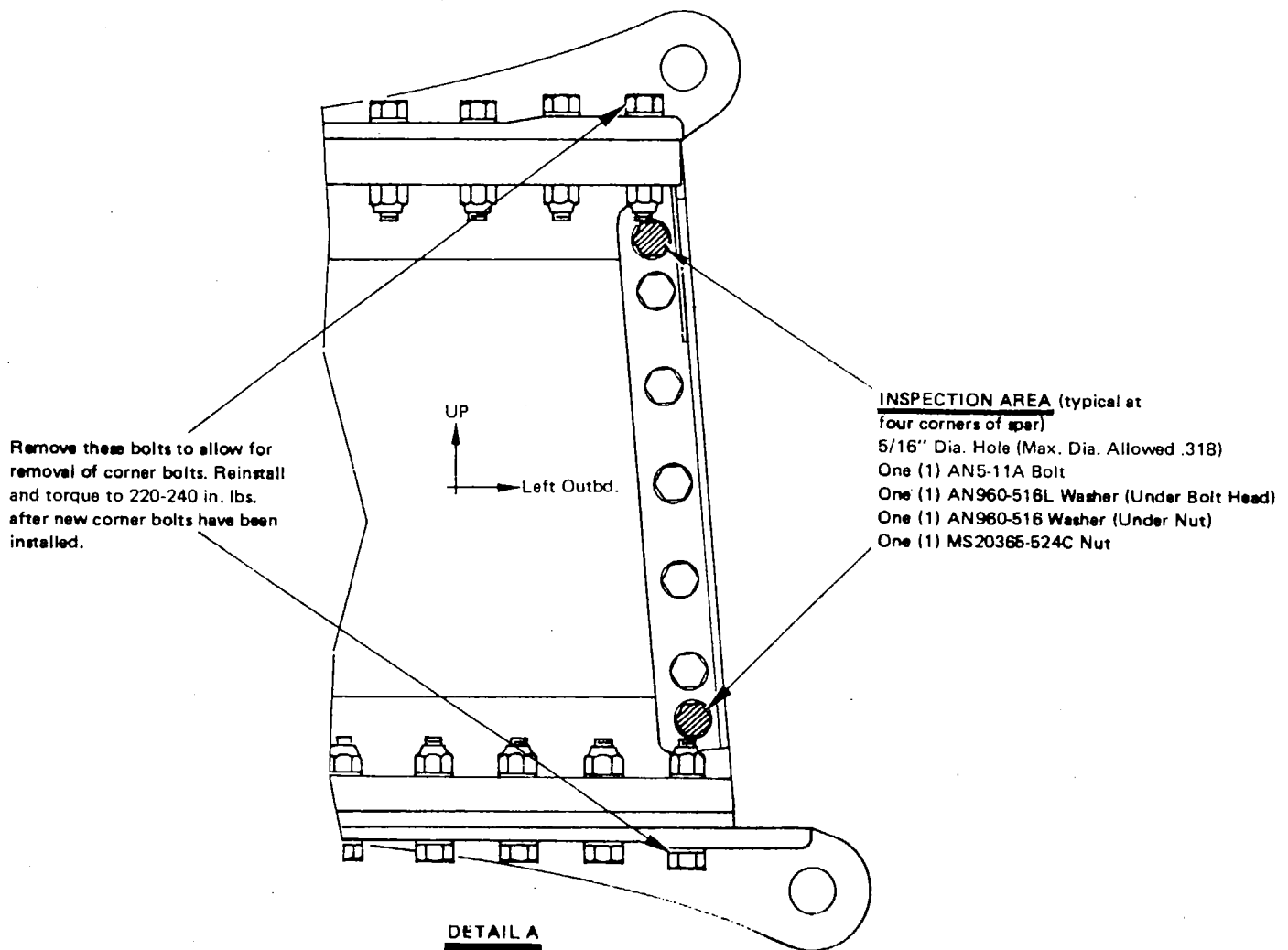
Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with this service bulletin in accordance with Compliance Time, above. The material required relative to this service release and three (3) hours labor per aircraft are available at no charge through your Piper Field Service Facility providing the modification is accomplished by a Piper Field Service Facility.

A Service Publication Compliance Form is enclosed with copies 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 the modification. Be sure to include hole sizes recorded per Instructions No. 2, above.



Carry Through Spar Assembly
(Refer to Detail "A" below)



(End View of Carry Through Spar - Typical Left & Right Sides)

1. Remove four bolts from corners of center section. (See Detail "A") Discard these bolts.
2. Inspect and record size of each of the four corner holes.
3. Enlarge these four holes to $5/16" + .005 - .001$ Dia. **NOTE:** If a maximum hole size of .318 does not eliminate evidence of elongation or wear, contact Customer Services, Vero Beach.
4. Install hardware supplied in Kit 760 871V and torque to 100/140 in. lb. at nut.
5. Return Service Release Compliance Card with record of hole sizes.