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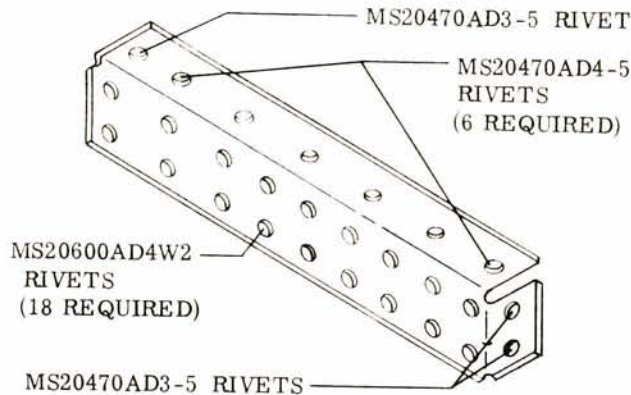
SUBJECT: INSPECTION OF STABILATOR TRIM TAB.

AIRCRAFT AFFECTED: All Model 23 airplanes prior to M-555.

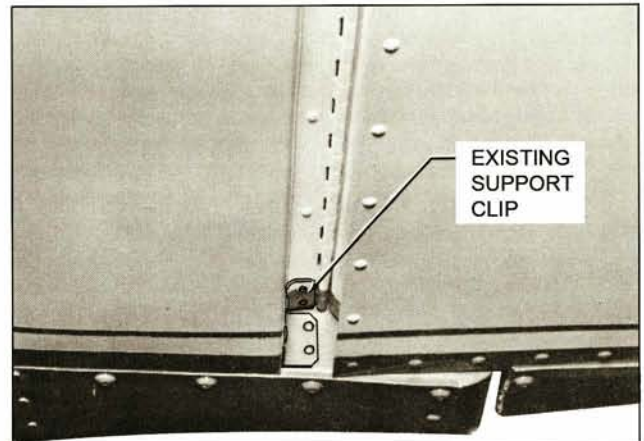
REASON FOR INSPECTION: To check for cracks in the stabilator trim tab skin and support brackets.

ACCOMPLISHMENT: Within the next 10 hours and at every 100 hour inspection thereafter until the change portion of this Bulletin has been accomplished.

DESCRIPTION OF CHANGE: The skin along both tips of the stabilator trim tab should be carefully inspected for indications of cracking and should be replaced with new skin if any such evidence is found. The support clip (see illustration) on the underside of the stabilator trim tab near each end of the hinge should also be checked for cracks, since the skin itself may crack if the clip is cracked. Damaged clips should be replaced by



169-620000-119 SUPPORT CLIP



a heavier and longer clip. In addition, the hinges of the stabilator trim tab should be inspected for signs of wear. If such wear is indicated by the excessive free play in the trim tab, five inches should be trimmed off from each end of the existing hinge. This portion of the existing aluminum alloy hinge should then be replaced by the stronger steel hinge now available for use on Muskeeters. If either the support clips or the hinges are damaged, the following parts may be used to replace them:

PART NUMBER	DESCRIPTION	QUANTITY
169-620000-119	LH Support Clip	1
169-620000-120	RH Support Clip	1
MS20600AD4W2	Rivets	36
169-620000-123	Trim Tab LH Hinge Half	1
169-620000-124	Trim Tab RH Hinge Half	1
169-620000-129	Stabilator LH Hinge Half	1
169-620000-130	Stabilator RH Hinge Half	1
MS20470AD4-5	Rivets	12
MS20470AD3-5	Rivets	6
CR2249-4-2	Cherry Rivets (use on stabilator hinge half)	12

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