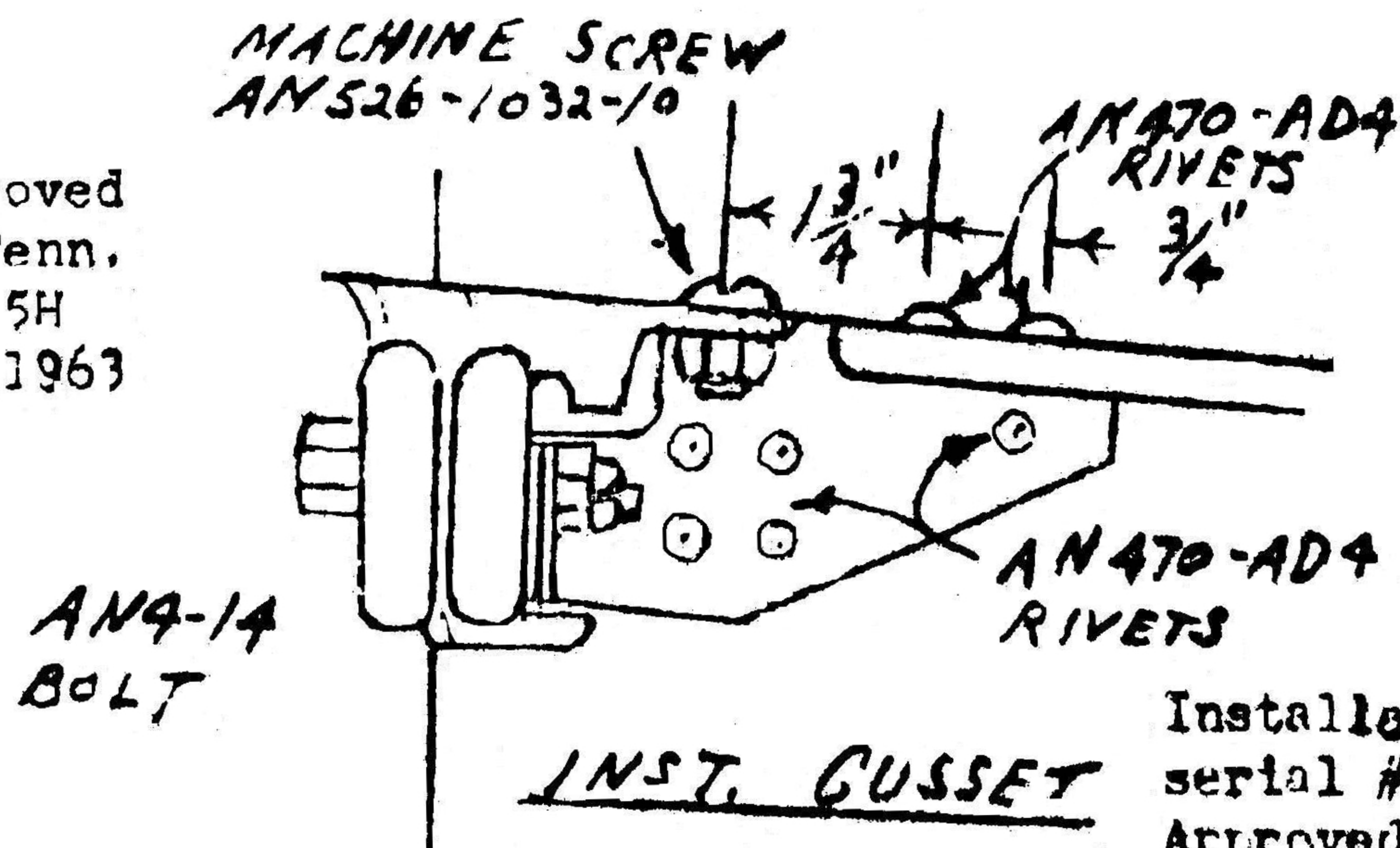


REPAIR TO CENTER SECTION BUTT RIB (PART NO. 415-13131 L & R)
UPPER FRONT COR.

Stop drill the crack with #40 drill, remove the AN4-14 bolt and AN526-1032 machine screw. Clamp the gusset into place. Drill the hole to reinstall the AN4-14 bolt and AN525-1032 machine screw. Use #30 drill for the five (5) holes for the AN470-AD4 rivets to secure the gusset to the flange and gusset as shown on the drawing. Remove the gusset and remove all the drill chips. Wet zinc chromate the gusset and rib area. Replace the gusset and reinstall the AN4-14 bolt and secure with AN310-4 nut and key. Install the AN325-1032-10 machine screw, then secure with AN 960-10 washer and AN365-1032 nut. Rivet the gusset to the rib web with (5) five AN470-AD4 rivets. Then rivet the alum. shim rib flange and gusset with (2) two AN470-AD4 rivets.

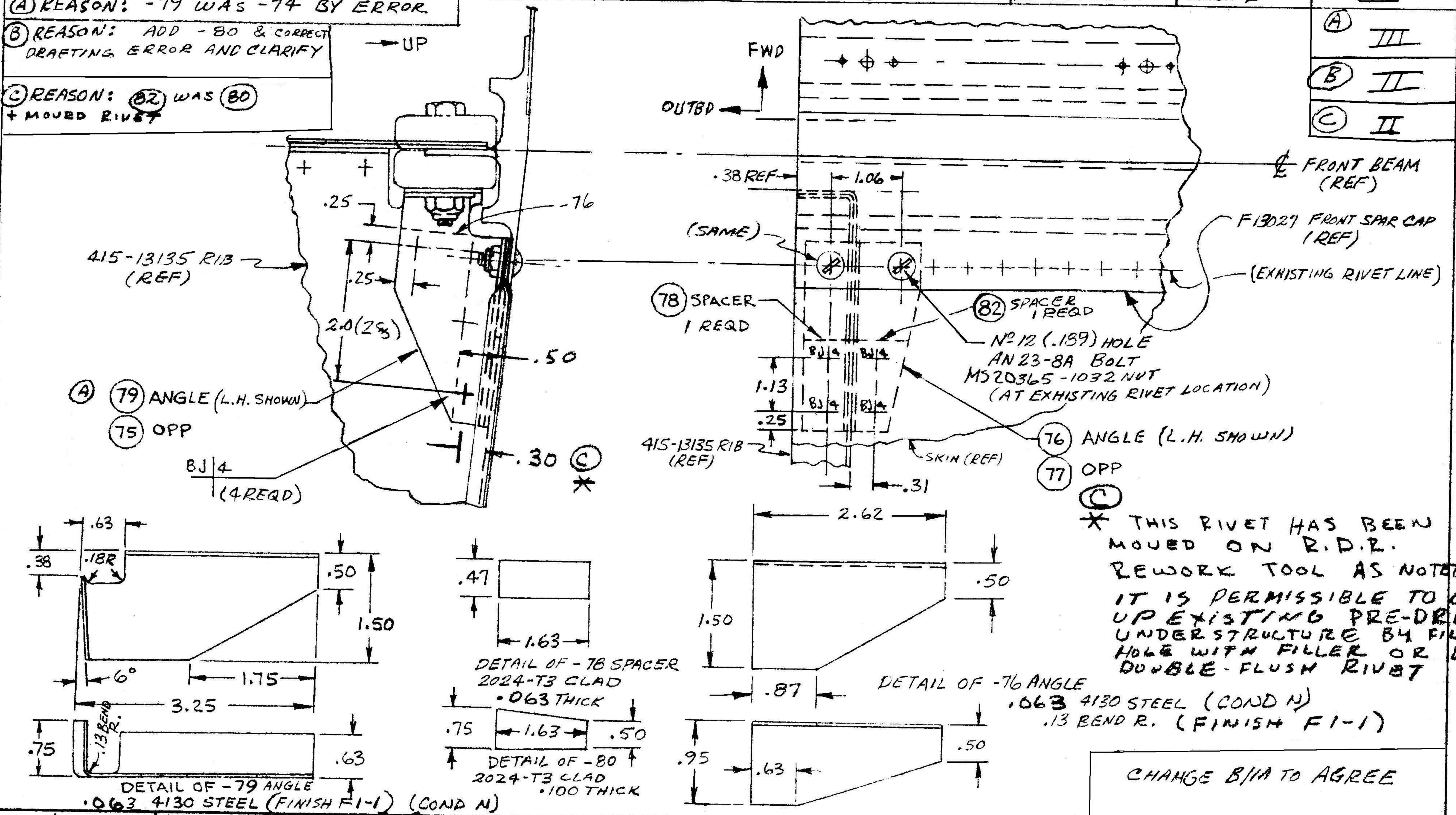
This repair was approved
by FAA, Harrisburg, Penn.
on Ercoupe 415C, N2815H
serial #3440, Oct. 12, 1963



Installed on Ercoupe N2815H,
serial #3440, Oct. 11, 1963
Approved by
FAA Office, Harrisburg, Penn.

ENGINEERING ORDER

TITLE: ASSEMBLY - CENTER SECTION (FUSELAGE & CENTER SECT. - WING)	ENGINEERING DEPARTMENT ALON INC. McPHERSON, KANSAS	DRAWING NUMBER F 13101	MODEL A2	E.O. NUMBER 5212C
REASON: TO PREVENT FATIGUE CRACKING OF END RIB OF WING CENTER SECTION IN SERVICE	V	CHANGE EFFECTIVE ON A 30 & ON		REQUESTED BY: F.A.A.
THIS NOTICE TO BE USED AS PART OF DWG AND SUPERSEDES AS SHOWN		REV. A CLASS II	REV. B A-30 & ON REVC A 30 & ON	F. A. A. MAJOR <input type="checkbox"/> MINOR <input checked="" type="checkbox"/>



REV B	5/24/65	MAX DAVIS		PER	REV. C	MAX DAVIS	6/3/65		REVC PER										
REV A	3/26/65	MAX DAVIS																	
FIRST	3-20-65	MAX DAVIS																	
ISSUE	DATE	BY	SEC	CHK	PROJ	STR	STD	APPROVALS	PARTS DISPOSITION AFTER EFFECTIVITY	REWORK	SCRAP	NOTED	DRAWING CHANGED	BY	DWG REV	CHECKED	DATE		