

Lockheed Aircraft Corp.		ENGINEERING STUDY <input type="checkbox"/>	LAC - 46							
DATE 7-28-59		AFFECTS: WSPO <input checked="" type="checkbox"/>	PROJECT <input checked="" type="checkbox"/>							
NAME OF MAJOR COMPONENT Autopilot	PART OR LOWEST SUBASSEMBLY Potentiometer	PART NO. & MODEL OR TYPE								
TITLE OF PROPOSAL : Autopilot Mach Pot Replacement										
NATURE OF PROPOSAL : <ol style="list-style-type: none"> 1. Replace 500 Ω cockpit mach adjustment potentiometer and 330 Ω paralleling resistor with a 250 Ω potentiometer. (All airplanes except 342, 351, 358 which have been completed). 2. Prepare and issue a Service Bulletin - SB No. 412 3. Provide appropriate kits. 4. We are proceeding with this work in advance of written approval. 										
REASON FOR PROPOSAL : <p style="text-align: center;">To prevent possible malfunction of the autopilot resulting from damage to the mach amplifier due to excessive loading.</p>										
ES	ESTIMATED COST AND TIME INVOLVED : - ADDITIONAL FUNDING REQUIRED : -									
CP	ESTIMATED COST FOR KITS OR PARTS : \$2.50 per kit. 10 kits for Project 29 kits for WSPO ADDITIONAL FUNDING REQUIRED : None (SP-1917)									
ITEMS AFFECTED BY PROPOSAL :										
SAFETY	MISSION EFFEC-TIVENESS	PERFORM-ANCE	OPERATING PROCEDURE	INTER-CHANGE-ABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD 1.5 Hrs.										
SOURCE OF PARTS FOR KIT : LAC										
AVAILABILITY WEEKS AFTER APPROVAL Approx. 24 August 1959										
DISPOSITION OF SPARES AFFECTED CU5011 obsolete. Replaced by CU2511										
INITIATED BY : LAC										
APPROVED : WSPO PROJECT SIGNED										

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