

# COMANCHE GEAR



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## PRESS-TO-TEST / DIMMABLE INDICATOR LIGHTS

THESE MS25041- SERIES MIL-SPEC INDICATORS REPLACE THE ORIGINAL AMBER AND GREEN GEAR POSITION INDICATORS; THE WHITE IN-TRANSIT LIGHT ON THE LATER AIRFRAMES IS AN AVAILABLE OPTION. BOTH THE PANEL MOUNTING 1/2" HOLE AND THE BULBS REMAIN THE SAME AS THE ORIGINAL. EXPECT AN EXPERIENCED INSTALLER TO DO THE INSTALLATION IN 1 TO 1-1/2 HOURS; AN ADJACENT INSTRUMENT HOLE IS REQUIRED FOR ACCESS.

OPERATION OF THE TEST FUNCTION IS ACTIVATED BY DEPRESSING THE LENS; DIMMING BY TWISTING THE LENS CLOCKWISE. ONLY THE AMBER HAS THIS DIMMING FUNCTION; THE GREEN LIGHTING IS NOT SO INTENSE AS TO REQUIRE THAT. THIS NON-DIMMING FUNCTION ALSO HELPS TO AVOID AN INADVERTENT DAYTIME PROBLEM AFTER A NIGHT FLIGHT.

ADDED WIRING CONSISTS OF A CIRCUIT TO THE EXISTING 5-AMP INDICATOR LIGHTS' CIRCUIT BREAKER FOR THE BULB-TEST FUNCTION, AND A GROUND CIRCUIT. KIT CONTENTS INCLUDE THE INDICATORS PROPERLY ASSEMBLED WITH MS22759/16-20 TEFZEL WIRE MARKED PER THE AIRFRAME SPECIFICATION USING THE KINGSLEY HOT-STAMP PROCESS. MARKED WIRE FOR THE ADDED CIRCUITS, TERMINALS, BULBS, PVC SLEEVE TO COVER THE KNIFE TERMINALS, NYLON CABLE TIES FOR SECURITY, INSTRUCTIONS AND SCHEMATIC ARE ALSO INCLUDED.

### BENEFITS

- 1) SAFETY - ADDS BULB TESTING CAPABILITY.
- 2) DIMMING IS INDEPENDENT OF THE ELECTRICAL CIRCUIT.
- 3) SAFETY - ELIMINATES THE HARD-TO-SEE GREEN LIGHT DURING NIGHT OPERATIONS.



ORIGINAL PANEL



UPGRADED PANEL