

# FIELD SERVICE BULLETIN



*Navion*



**RYAN AERONAUTICAL COMPANY, LINDBERGH FIELD, SAN DIEGO 12, CALIFORNIA**

FIELD SERVICE BULLETIN NO. 12  
FEBRUARY 1, 1951

MANDATORY

TO: ALL OWNERS OF 1950 SUPER 260 MODEL NAVIONS

SUBJECT: IMPROVED CABIN SEALING

EFFECTIVITY: NAVION-B AIRPLANES, SERIAL NO. 2028 THRU 2032, 2048  
THRU 2062, 2073 THRU 2079, 2091 THRU 2104 AND 2117  
THRU 2200.

To prevent the entrance of exhaust fumes and gasses into the cabin in some flight attitudes on the Navions listed above, Ryan engineers have designed an effective method of cabin sealing, utilizing three simple baffles. Due to certain peculiarities of the airflow pattern around the fuselage and exhaust system on the 1950 Model Super 260 Navion, it is mandatory that this baffle kit be installed on all the aircraft listed above at the owners earliest convenience, or not later than May 1, 1951.

Attached hereto is an addressed postal card, which, when filled out and returned to the Ryan Spare Parts Department, places one of the baffle kits on order for your Navion and gives all necessary shipping instructions. Parts to effect this improvement on the airplanes listed above will be furnished without charge by the Ryan Aeronautical Company, with the cost of installation labor to be borne by the airplane owner.

## NOTE

See other side of this sheet for kit installation details.  
Under normal circumstances, it should not require more than  
5-1/2 man hours to accomplish this installation.

ATTACH BAFFLE TO FRONT SIDE OF  
HORIZONTAL BEAM AT  
FUS. STA. 142.57 (REF)  
(FORWARD EDGE BAGGAGE CMPT)  
WITH AN530-8RB SCREW 5 REQ.

143-31006-3 FRAME (REF) STA 179.75  
(AFT EDGE BAGGAGE CMPT.)

INSTALL 146-89114-3 DISCS  
OVER TWO LIGHTENING  
HOLES IN 143-31006-3 FRAME  
USING 4 AN530-8RB SCREWS  
PER DISC.

DRILL #40(.098) 4  
HOLES THRU DISC AND  
143-31006-3 FRAME

145-53335 BAFFLE  
1 REQ.

RUBBER EXTRUSION TO BE IN CONTACT  
WITH UPPER WING SKIN AND FILLET  
FOR ENTIRE LENGTH OF EXTRUSION

SEAL EDGES WITH PINKED  
AIRPLANE CLOTH ALL AROUND

ATTACH 145-53342-3 HOOD TO TOP SURFACE  
OF WING ON CENTERLINE AND TO 145-53335  
BAFFLE WITH 13 AN530-8RB SCREWS

SLOT FORWARD EDGE OF HOOD  
FOR CANOPY EMERGENCY RELEASE CABLE

DRILL #40 (.098) 5 HOLES  
AN530-8RB SCREW 5 REQ.

SPLIT HOOD 145-53342-3  
AND INSTALL AS SHOWN ON  
AIRPLANES WITH UNDERSEAT TANKS

SEAL EDGES  
WITH PINKED  
AIRPLANE CLOTH

145-53335 BAFFLE (REF)

CRADLE ASSY-AUX. FUEL TANK  
SUPPORT 145-48240 (REF)

146-89114-5 ANGLE 2 REQ.  
AN 545-4-2-SCREW 6 REQ.

KIT INSTALLATION - CABIN BAFFLE