

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