REVISION DESCRIPTION:

Page 55-05 REV 0: Make a new page showing or describing the antenna locations used by Van's Aircraft demonstrator aircraft.

Page 55-06 REV 0: Add “This page left blank”
The following pages illustrate the routing and installation of the WH-00125 RV-14 Common Fuselage Harness in the aircraft.

The information below is intended to clarify the organization of the WH-00125 drawing package (available on the Van's Aircraft website Downloads page).

The first page in the WH-00125 drawing package is the production drawing for the WH-00125 harness. The production drawing provides the overall wire lengths, gauges, colors, and connections for the common harness. Due to the large amount of information displayed, the production drawing is best viewed on a computer.

The remaining pages in the WH-00125 drawing package are included for reference and depict the various wire harnesses that connect to the WH-00125 harness. Explanatory notes are also provided.
FIGURE 1: WH-00125 ROUTING

NOTE: The required hardware may be purchased separately from Van's.
FIGURE 1: CONTROL STICKS

TO PILOT CONTROL STICK GROUND

ANS525-10R7
NAS1149F032
MS21042-3
BOTH SIDES

4X HW-00008

3X SB750-10
BOTH SIDES

TO CO-PILOT CONTROL STICK / GROUND

4X SB750-10

TO TAILCONE RIGHT

TO TAILCONE LEFT

4X SB750-10

TO TAILCONE LEFT

PILOT CONTROL STICK

UP

LEFT

FWD
FIGURE 1: POWER OUTLET / AUX MUSIC JACK

POWER OUTLET

POWER OUTLET GROUND
(ATTACH TO INBD SIDE OF LEFT SEAT RIB)
ANS525-10R7
NAS1149F0332P
MS21042-3

AUX MUSIC JACK

TO TAILCONE RIGHT

TO EXTENDED LENGTH
Note: This page depicts typical antenna installation locations. Antenna's and antenna cables are not supplied with the common fuselage harness.

The Van's Aircraft factory demonstrators have an archer antenna installed in the right wing tip.

FIGURE 1: COM ANTENNA LOCATIONS

FIGURE 2: TRANSPONDER ANTENNA

FIGURE 3: WAAS GPS ANTENNA LOCATION

FIGURE 4: ADS-B ANTENNA LOCATION

ENLARGE THE FOUR CORNER RIVET HOLES FOR A STANDARD RAMI STYLE ANTENNA

ENLARGE Holes AS REQUIRED FOR THE TYPE COM ANTENNA IN USE SEE PAGE 26-02

ENLARGE FOR A DELTA POP STYLE ANTENNA

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