

N709HR S/N 1728



FUEL CAPACITY:

Capacity Header Tank 13.80 gallons total/ 82.8 pounds, 13.50 useable gallons/ 81.0 pounds

TOTAL FUEL CAPACITY COMBINED: 13.8 GALLONS/ 82.8 POUNDS

Type: 93/91 OCTANE MINIMUM AUTO FUEL QUALITY AND TYPE, ethanol free preferred but not required.

APPROXIMATE BURN RATE AT 75%/ 6500' msl:4.8 GAL/HOUR; this will leave you 2.56 hour flight leg with VFR day time minimum of 2.4 gals reserve.

NOTE: DO NOT TAKE OFF WITH LESS THEN 2.6 GALLONS OF FUEL, DO NOT LAND WITH LESS THEN 2.4 GALLONS ON BOARD; VFR DAY TIME RULES.

AIRCRAFT DIMENSIONS:

COCKPIT WIDTH 24.0 INCHES

WING SPAN 29'- 0" WING CHORD 5'-1" STABILIZER AREA 11.57 FT/SQ

LENGTH 17'- 8" ELEVATOR AREA 9.87 FT/SQ

HEIGHT 6'- 6" FIN AREA 3.77 FT/SQ

TOTAL WING AREA 147.32 FT/SQ RUDDER AREA 5.30 FT/SQ

AILERON AREA 5.47 FT/SQ WHEEL TREAD AREA 6'-10"

WING LENGTH: 13'-3 1/2" WING AREA: 135.04 SF

POWER PLANT SPECIFICATIONS:

OIL CAPACITY MAX/MIN w/ filter: 4.2 qts max / 3.5 qts min

POWER PLANT:Subaru 150 HP Subaru Legacy 1991 EJ 2.2 S/N 091849

PROPELLER: Sensenich ... W74EM-52G S/N AK4527 BUILT 1/30/2015

OIL FILTER: Mobil 1 M1-108

FLUID TYPE: Shell Rotella 10W-30 Synthetic Blend API Service CJ-4/SM

ALTERNATOR: Chevy Metro 1998 4cyld

BUILT BY: HERB & NANCY ROSE
SACRAMENTO, PA