

Aztec Nomad Seaplane

Specifications

ENGINES Lycoming IO-540/2,000 Hr. TBO/250 H.P. 8.5:1
PROPELLERS Hartzell feathering/77" diameter
LENGTH 31'-2"
HEIGHT 13'-0"
WING SPAN 37'-2"
SEATS 6
CABIN LENGTH 7'-6"
CABIN WIDTH 48"
CABIN HEIGHT 52"
GROSS WEIGHT 5200 lbs.
MAX. USEFUL LOAD 1800 lbs.
ZERO FUEL WEIGHT 4800 lbs.
STANDARD FUEL CAPACITY 114 U.S. (864 lbs.)
OPTIONAL FUEL CAPACITY 192 U.S. (1152 lbs.)
BAGGAGE CAPACITY - (40 cu.ft.)Nose Compartment - 150 lbs.
..... Aft Compartment - 150 lbs.

Performance

TAKE OFF DISTANCE ON WATER (ft.) 1750
RATE OF CLIMB (ft./min.) 950
CRUISE SPEED 75% (29 GPH) - 155 MPH
..... 65% (26 GPH) - 145 MPH
MAXIMUM RANGE (S.M.) Standard - 785
..... Optional - 1010

Limiting and Recommended Airspeeds (IAS/MPH)

V_y (best rate of climb) 102
 V_a (design manoeuvring) 136
 V_{fe} (max. flap extension) 125
 V_{no} (max. structural cruise indicated) 153
 V_{ne} (max. never exceed speed) 193
 V_{s0} (stall dirty) 58