



AIRCRAFT MAKE - ZENITH AIRCRAFT CO.

MODEL - ZODIAC 601 HDS

ENGINE - SUBARU EA 81

HORSEPOWER - 100 B.H.P

SPEED (KNOTS) MAX - 143 KTS CRUISE - 90 KTS STALL - 38 KTS

TO FIND APPROX KM/HR, MULTIPLY KNOTS X 2

SPECIFICATIONS	SUPER ZODIAC CH 601 HDS
WING SPAN	23 FT
WING AREA	98 SQ. FT
LENGTH	19 FT
EMPTY WEIGHT	590 LBS
USEFUL LOAD	610 LBS
GROSS WEIGHT	1,200 LB
WING LOADING	12.2 PSF
POWER LOADING	15 LB./HP
DESIGN LOAD FACTOR (ULTIMATE)	+/- 6 "G"
CABIN WIDTH	44 INCHES
FUEL CAPACITY (STD. HEADER TANK)	16 GALLONS (US)
- WITH OPTIONAL WING TANKS	30 GALLONS (US)

PERFORMANCE	
TOP SPEED (MPH)	150
CRUISE (MPH)	135
VNE (MPH)	160
STALL SPEED (MPH)	48
RATE OF CLIMB (FPM)	1,300
TAKE-OFF ROLL (FT)	450
LANDING DISTANCE (FT)	550
SERVICE CEILING (FT)	12,000+
RANGE (STD., SM)	540
LOAD FACTOR (G)	+/- 9