



PERFORMANCE:

239 MPH NEVER EXCEED SPD.
 175 MPH 70% CRUISE SPD.
 165 MPH MAX MANEUVERING SPD.
 65 MPH STALL SPEED
 525 MILE RANGE W/ RESERVE
 54 GAL. FUEL CAPACITY
 3000+ FPM RATE OF CLIMB
 300+ DEG./SEC. ROLL RATE

SPECIFICATIONS:

LENGTH - 19 FT. 8 IN.
 HEIGHT - 8 FT. 9 IN.
 SPAN - UPPER 22 FT.
 SPAN - LOWER 21 FT.
 AREA - TOTAL 150 SQ. FT.
 WING LOADING 15.33PSF
 GROSS WEIGHT 2250 LBS.
 EMPTY WEIGHT 1450 LBS.

STAGGER AT CENTER SECTION: 24.9"

UPPER DIHEDRAL: 0.0 DEGREES
 LOWER DIHEDRAL: 0.5 DEGREES
 STAB DIHEDRAL: 0.0 DEGREES
 UPPER WING INCIDENCE: 2.0 DEGREES
 LOWER WING INCIDENCE: 2.0 DEGREES
 STAB INCIDENCE: 2.0 DEGREES
 ALERON TRAVEL: 25 DEG. UP AND DOWN +/-1
 ELEV TRAVEL: 25 DEG. UP AND DOWN +/-1
 RUDDER TRAVEL: 30 DEG. LEFT AND RIGHT +/-1
 TRIM TRAVEL: 10 UP 15 DOWN +/-5
 WING SWEEP ANGLE: 7 DEG UPPER, 0.0 LOWER
 MAX DEMONSTRATED CROSSWIND COMPONENT: 20KTS

EMPTY WEIGHT C.G.:

WEIGHT PT.	WEIGHT	ARM	MOMENT
LM	42,000		
RM	42,000		
TW	226,000		

EMPTY C.G. = $o/b = \dots$ c" AFT OF DATUM
 EMPTY WEIGHT C.G. = ($c'' - 50.66''$) / 40.75" = _____ % MAC

MOST FORWARD LOADING:

WEIGHT PT.	WEIGHT	ARM	MOMENT
FUEL	120	51,000	6,120
PILOT	190	115,000	21,850

MOST FORWARD LOAD = $d/e = \dots$ c" AFT OF DATUM
 MOST FORWARD LOAD = ($f'' - 50.66''$) / 40.75" = _____ % MAC

MOST REARWARD LOADING:

WEIGHT PT.	WEIGHT	ARM	MOMENT
FUEL	320	51,000	16,320
PASS	200	83,000	16,600
PILOT	290	115,000	23,900
BAGGAGE	40	143,000	5,720

MOST REARWARD LOAD = $g/h = \dots$ c" AFT OF DATUM
 MOST REARWARD LOAD = ($g'' - 50.66''$) / 40.75" = _____ % MAC

The information on this page is provided for informational purposes only. It is not intended to be used as a substitute for the aircraft's operating manual. Always refer to the aircraft's operating manual for the most current information.

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ENTER AS SPECIFIED
 DIMENSIONS ARE IN
 INCHES UNLESS
 OTHERWISE NOTED
 2 DIMENSIONS +/- .010
 3 DIMENSIONS +/- .005
 SHOW ALL SHARP EDGES

DATE: 12-10-21HP
 SHEET 1 OF 1