

LOADING INSTRUCTIONS

The following sample loading calculation may be used to determine the total moment of your helicopter. Both the moment with take-off fuel and the moment with empty fuel must be within the allowable moment shown on the diagram.

SAMPLE LOADING CALCULATION	Arm Inches from Datum	Sample Helicopter		Your Helicopter	
		Weight (lbs)	Moment (lb-in)	Weight (lbs)	Moment (lb-in)
1. Basic Empty Weight as Equipped (Includes unusable fuel and full oil)	104.8	830	86,984		
2. Pilot, Passenger and Baggage Total Weight and Balance with zero usable fuel	*78.0	425	33,150		
	95.7	1255	120,134		
3. Usable Fuel at 6 lbs/gal. Total Weight & Balance with take-off fuel	108.6	115	12,489		
	96.8	1370	132,623		

(Note: The CG location aft of the datum, for the loaded helicopter, can be determined by dividing the total weight into the total moment.)

*Use 78.0 for S/N 256 and subsequent and for aircraft equipped with new type seats installed after DEC. 22, 1981. Use 79.0 for aircraft prior to S/N 256 with original seats. If cushion is used, subtract compressed thickness of cushion from arm.