



S 21773 (R1)

Figure 1-1. Three-View Dimensions

TABLE 1-2

## TABLE OF PRINCIPAL DIMENSIONS

## GENERAL

Main Rotor Disc Diameter	56 ft
Tail Rotor Disc Diameter	9 ft 6 in.
Design Gross Weight	13,000
Width (overall)	
Maximum (with rotors stationary)	56 ft
Minimum (with rotors stationary)	40 ft 1.05 in.
Minimum (with blades folded)	13 ft
Length (overall)	
Maximum (both rotors at extreme positions)	65 ft 10.32 in.
Minimum (both rotors at minimum positions)	56 ft 8.17 in.
Minimum (blades and pylon folded)	39 ft
Minimum (main rotor at minimum position; tail rotor at extreme position)	58 ft
Minimum (main rotor at extreme position; tail rotor at minimum position)	64 ft 6 in.
Height	
Maximum (tail rotor at high position)	15 ft 11 in.
Minimum (tail rotor at low position)	14 ft 10.5 in.

## MAIN ROTOR BLADES

Number of blades	4
Airfoil section (curve identification)	NACA 0012
Chord at root	16.4 in.
Chord at tip	16.4 in.
Blade radius	28 ft
Total blade area (four blades)	134 sq ft
Area per blade	33.5 sq ft
Area of rotation (rotor disc area)	2463 sq ft
Rotor solidity (total blade area divided by disc area)	0.0544
Ground clearance (static)	9 ft 7.42 in.
Ground clearance (turning) maximum	11 ft 5.44 in.

## TAIL ROTOR BLADES

Number of blades	4
Airfoil section	NACA 0012
Chord at root	7.34 in.
Chord at tip	7.34 in.
Blade radius	4 ft 9 in.
Total blade area (four blades)	8.8 sq ft
Area per blade	2.2 sq ft
Area of rotation (rotor disc area)	70.88 sq ft
Rotor solidity (total blade area divided by disc area)	0.1242
Ground clearance (static)	6 ft 5 in.
Ground clearance (turning)	6 ft 5 in.

## STABILIZER

Number	1
Length	5 ft 6.6 in.
Area	12.38 sq ft
Airfoil	NACA 0009