

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

HR-35 Revision 3 VERTOL H21A Revised January 24, 2005

TYPE CERTIFICATE DATA SHEET NO. HR-35

This data sheet which is a part of type certificate No. HR-35 prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Civil Air Regulations.

Type Certificate Holder: **This Type Certificate (TC) has been designated as ABANDONED (See Note 5)**

Type Certificate Holder Record: Heli-Crane Corporation
Van Nuys Airport
7646 Hayvenhurst Avenue
Van Nuys, California

I - Model H21A (Restricted Category), approved July 21, 1961

Engine	Wright R-1820-103	
Fuel	115/145 or 100/130 minimum grade aviation gasoline	
Engine limits	Maximum r.p.m. 2600 Maximum manifold pressure 50 in. Hg.	
Rotor limits and engine operating speeds	Power Off (Rotor Tach) Maximum 260 r.p.m. Minimum 235 r.p.m.	Power On (Engine Tach.) Maximum 2500 r.p.m. Minimum 2300 r.p.m.
Airspeed limits	Vne (Never exceed) 110 knots. (See NOTE 2 for required placards)	
C.G. range	31 in. fwd. to 6.5 in. aft	
Datum	Point midway between rotors	
Maximum weight	14,500 lb.	
Minimum crew	1 (Pilot)	
Fuel capacity	Main fuel tank and three auxiliary tanks 600 gal. (3600 lb)	
Oil capacity	21.5 gal.	
Other operating limitations	USAF T.O. 1H-21-1 and Heli-Crane Corporation FAA Approved Flight Manual Supplement Revision dated November 18, 1963.	
Serial Nos. eligible	All USAF serial Nos	
Certification basis	CAR 8 effective October 11, 1950. Type Certificate No. HR-35 issued July 21, 1961, for the purposes of: (1) Dumping fire retardants. (2) Aerial placement of power and telephone poles, air conditioning units, wet concrete and other similar items conducted in furtherance of operator's or lessee's own business only. Date of application for Type Certificate April 4, 1961.	

Page No.	1	2
Rev. No.	3	3

