

SIKORSKY S-61-N TURBINE HELICOPTER

DIMENSIONS			
Length: 62'	Width: 7'8"	Height: 17'5"	M/R Dia.: 62'
SPECIFICATIONS			
Maximum Gross Weight:	20,500 lbs.		
Average basic weight:	12,459 lbs.		
External sling load:	7,890 lbs		
Fuel capacity:	4,250 lbs		
Fuel consumption:	1,050 lbs/hr		
Average cruise speed:	115 mph		
Maximum range:	408 nm with 30 min. fuel reserve		
Passenger seats:	26 passengers plus 2 pilots		
POWER PLANT			
GE CT58-140			
LANDING GEAR			
Wheel type landing gear			
LOADING INFORMATION			
Basic weight:	12,459 lbs.		
Full fuel:	2,975 lbs.		
Pilots:	360 lbs.		
Max. gross weight:	20,502 lbs.		
Minus operating weight:	11,600 lbs.		
Total payload:	8,900 lbs. (Full fuel)		
HELIPORT SIZE			
77' x 77' deck size (normal ops)		64' x 64' deck size (restricted ops)	
STANDARD EQUIPMENT			
VHF Radio Communications		GPS Navigational Equipment	
Cargo Hook		FM Radio	
PAYLOAD			
Distance vs. Fuel Required = Payload & Flight Time			
DISTANCE	FUEL	PAYLOAD	FLIGHT
(Round trip)	(Required)*	(Outbound)	(Time)
245nm/280 miles	2,310 lbs	9,565 lbs	2:20
217nm/250 miles	2,152 lbs	9,723 lbs	2:05
174nm/200 miles	1,470 lbs	10,405 lbs	1:40
130nm/150 miles	1,207 lbs	10,668 lbs	1:15
87nm /100 miles	525 lbs	11,350 lbs	:50