

# Nomad Aviation




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[www.nomad-aviation.com](http://www.nomad-aviation.com)

## Sikorsky S61A - Dimensions & Specifications

<b><u>DIMENSIONS</u></b>		
<b>Length:</b>	<b>57'5" (17.5m)</b>	
<b>Width:</b>	<b>7'8" (2.4m)</b>	
<b>Height:</b>	<b>17'5" (5.3m)</b>	
<b>Main rotor diameter:</b>	<b>62'0" (18.9m)</b>	

### **SPECIFICATIONS**

<b>Maximum Gross Weight:</b>	<b>22,000 lbs (9,981 kgs)</b>
<b>Average basic weight:</b>	<b>10,220 lbs (4,640 kgs)</b>
<b>External sling load:</b>	<b>11,000 lbs (4,990 kgs)</b>
<b>Fuel capacity (Jet A):</b>	<b>410 US Gals (1552 litres)</b>
<b>Fuel consumption:</b>	<b>170 gallons (643 liters) per hour</b>
<b>Cruise Speed:</b>	<b>120 knots (222 kilometers) per hour</b>
<b>Maximum range:</b>	<b>252 nm with 20 min. fuel reserve</b>

### **POWER PLANT**

**Two x GE CT58-140-1**

(1,500 shaft-horsepower at minimum spec)

### **LANDING GEAR**

**Wheel type landing gear**

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## STANDARD EQUIPMENT

<b>VHF Radio Communications</b> <b>FM VHF Radios</b> <b>External loudhailer and siren</b> <b>Cargo hook</b>	<b>GPS Navigational Equipment</b> <b>Tracplus Satellite Live Tracking System</b> <b>Satellite phone</b>
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## SIKORSKY S61A - PAYLOAD INFORMATION

### Performance Reference Sources

STC SR00208NY and STC SR02382NY RFMS #10

Aircraft Empty weight	10220	
Crew	380	
Fuel	900	(30 mins fuel plus legal reserve)
TO weight	11500	

P Alt/temp	1000	30 deg C	25 deg C	20 deg C	15 deg C
HOGF weight lbs		22000	22000	22000	22000
Payload (lbs)		<b>10500</b>	<b>10500</b>	<b>10500</b>	<b>10500</b>
Payload (tonnes)		<b>4.76</b>	<b>4.76</b>	<b>4.76</b>	<b>4.76</b>
P Alt/temp	2000	30 deg C	25 deg C	20 deg C	15 deg C
HOGF weight lbs		21300	21800	22000	22000
Payload		<b>9800</b>	<b>10300</b>	<b>10500</b>	<b>10500</b>
Payload (tonnes)		<b>4.45</b>	<b>4.67</b>	<b>4.76</b>	<b>4.76</b>
P Alt/temp	3000	30 deg C	25 deg C	20 deg C	15 deg C
HOGF weight lbs		20500	21200	21750	22000
Payload		<b>9000</b>	<b>9700</b>	<b>10250</b>	<b>10500</b>
Payload (tonnes)		<b>4.08</b>	<b>4.40</b>	<b>4.65</b>	<b>4.76</b>
P Alt/temp	4000		25 deg C	20 deg C	15 deg C
HOGF weight lbs			20500	21200	21500
Payload			<b>9000</b>	<b>9700</b>	<b>10000</b>
Payload (tonnes)			<b>4.08</b>	<b>4.40</b>	<b>4.54</b>
P Alt/temp	5000			20 deg C	15 deg C
HOGF weight lbs				20300	21000
Payload				<b>8800</b>	<b>9500</b>
Payload (tonnes)				<b>3.99</b>	<b>4.31</b>