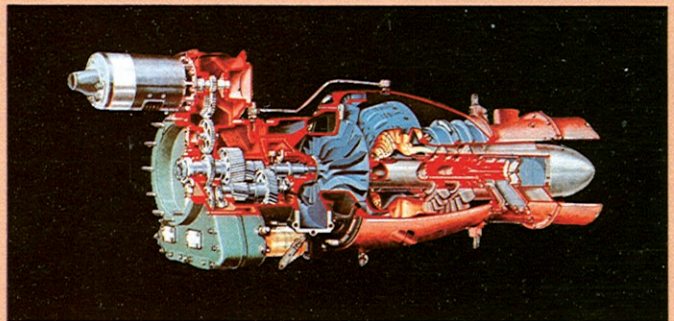


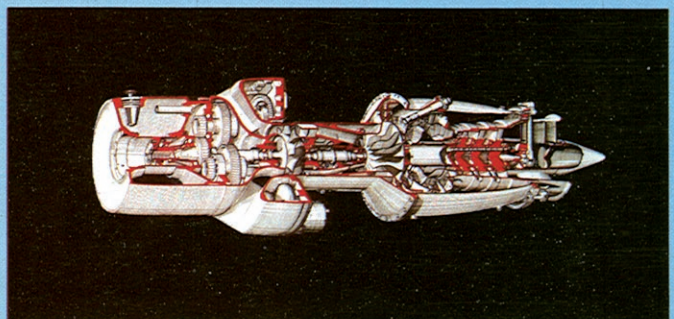
ALOUETTE 2



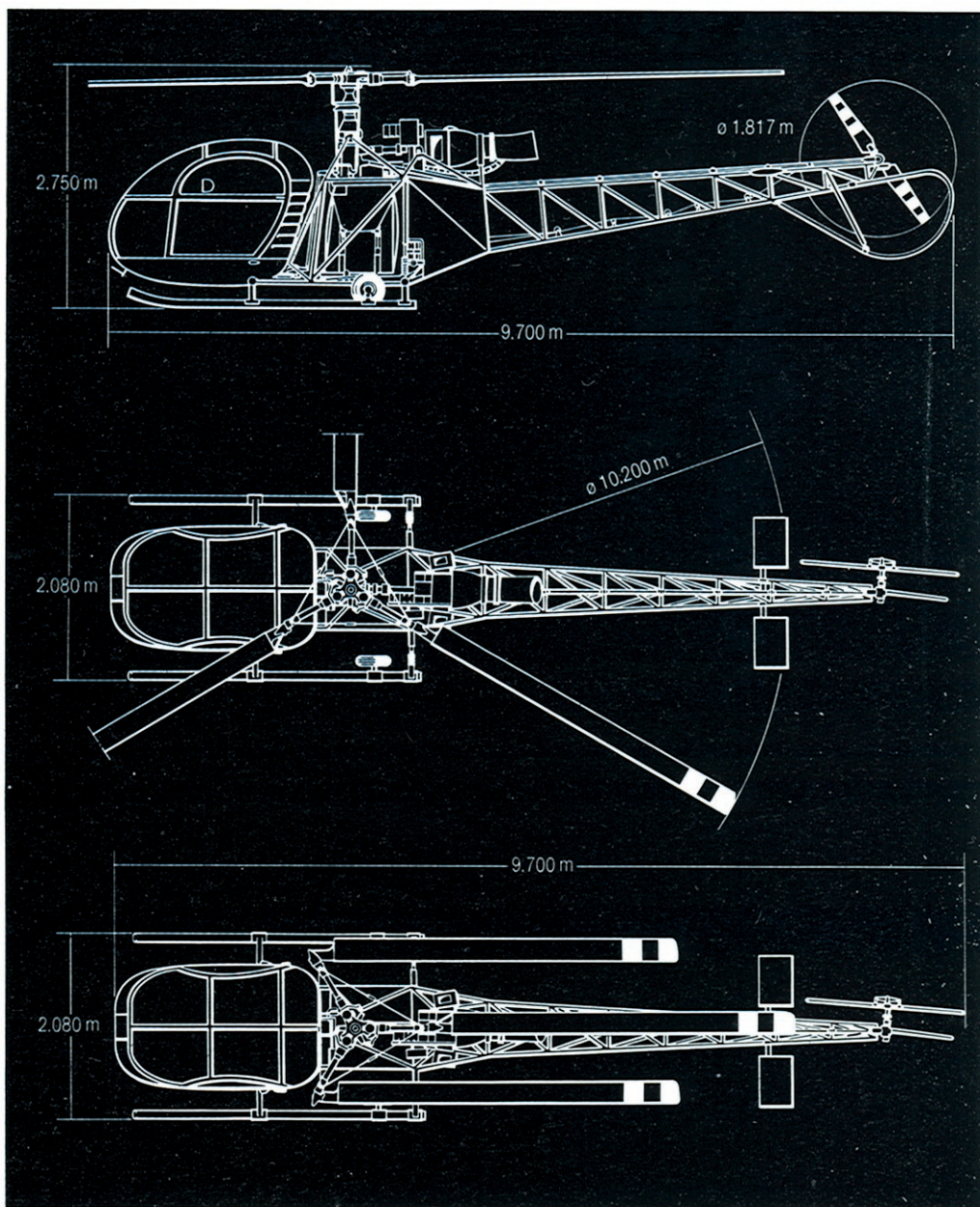
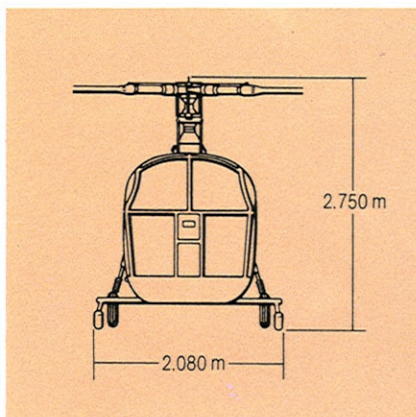
sa313B
ARTOUSTE



sa318C
ASTAZOU



ALOUETTE 2



Dimensions

Overall length (rotor rotating)	12.050 m
Overall length (rotor blades folded)	9.666 m
Overall width (rotor blades folded) normal skid track*	2.080 m
Overall height	2.750 m
Main rotor diameter	10.200 m
Tail rotor diameter	1.817 m
Main rotor disc area	81.70 m ²
Tail rotor disc area	2.59 m ²

* Wide skid track: 2.300 m

ARTOUSTE sa313B

General characteristics

Arrangement

Passenger transport: 1 pilot + 4 passengers

Casualty evacuation: 1 pilot + 2 stretcher patients
+ 1 place for seated patient or doctor

Cargo sling: Maximum load 500 kg

Hoist: Maximum load 120 kg

Power plant

1 Turbomeca Artouste II C turbine engine

Rating 34,000 RPM

Thermal power 530 hp

Maximum continuous power 360 hp

Weight

Empty weight 895 kg

Useful load 705 kg

Maximum weight 1,600 kg

Usable fuel (565 litres) 446 kg

Performance (at maximum weight 1600 kg)

Maximum speed at SL 185 km/hr

Cruise speed at SL 170 km/hr

Rate-of-climb 4.2 m/sec

Service ceiling 2,250 m

Hover ceiling IGE 1,650 m

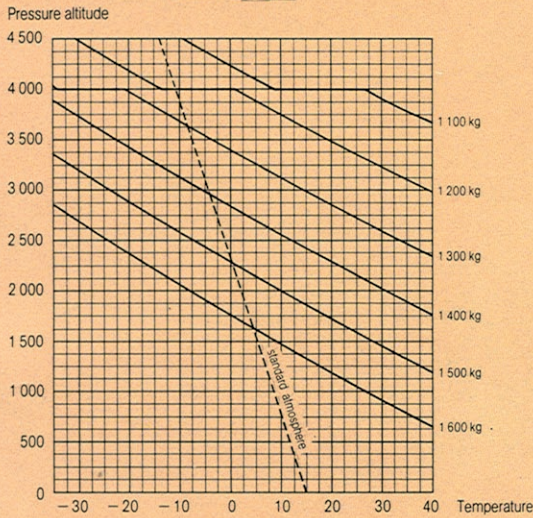
Hover ceiling OGE 920 m

Range at SL 565 km

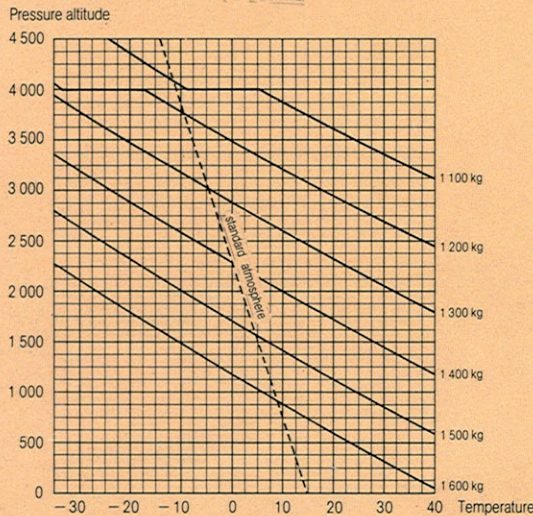
Endurance at SL-cruise speed 3 hrs 15 mins

Endurance at SL-min power speed 4 hrs 10 mins

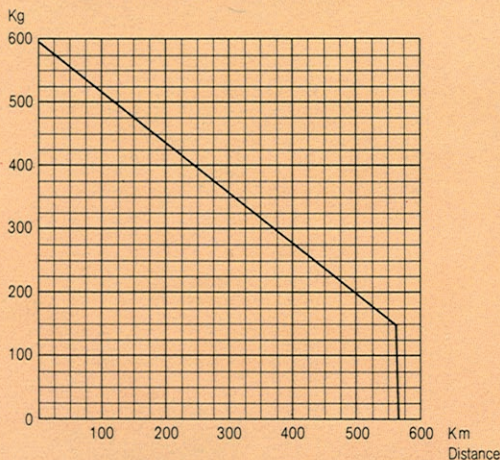
Hover ceilings OGE IGE



Hover ceilings IGE OGE

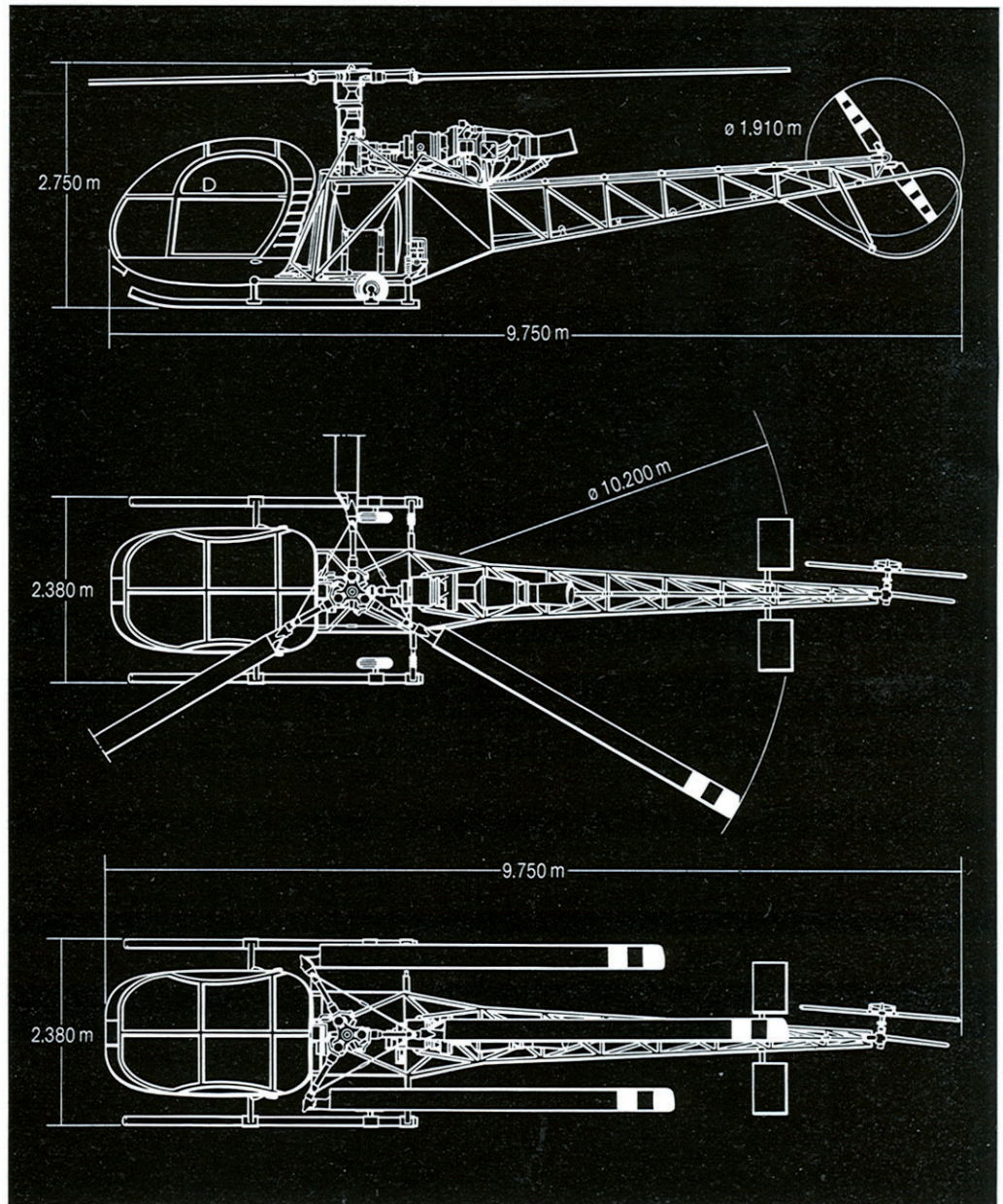
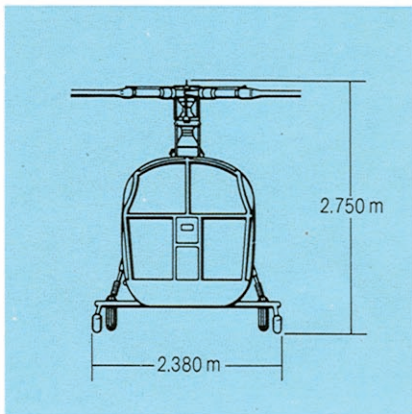


Payload versus range without reserve



Equipped aircraft 920 kg
1 pilot 80 kg
Normal cruise speed at sea level.

ALOUETTE 2



Dimensions

Overall length (rotor rotating)	12.100 m
Overall length (rotor blades folded)	9.750 m
Overall width (rotor blades folded)	2.380 m
Overall height	2.750 m
Main rotor diameter	10.200 m
Tail rotor diameter	1.910 m
Main rotor disc area	81.70 m ²
Tail rotor disc area	2.87 m ²

ASTAZOU sa318C

General characteristics

Arrangement

Passenger transport : 1 pilot + 4 passengers

Casualty évacuation : 1 pilot + 2 stretcher patients
+ 1 place for seated patient or doctor

Cargo swing: Maximum load 600 kg

Hoist: Maximum load 120 kg

Power plant

1 Turboméca Astazou turbine engine

Rating 43,000 RPM

Thermal power 530 hp

Maximum continuous power 360 hp

Weight

Empty weight 890 kg

Useful load 760 kg

Maximum weight 1.650 kg

Usable fuel (565 litres) 446 kg

Performance

Maximum speed at SL 205 km/hr

Cruise speed at SL 180 km/hr

Rate-of-climb 6.6 m/sec

Service ceiling 3.300 m

Hover ceiling IGE 1.550 m

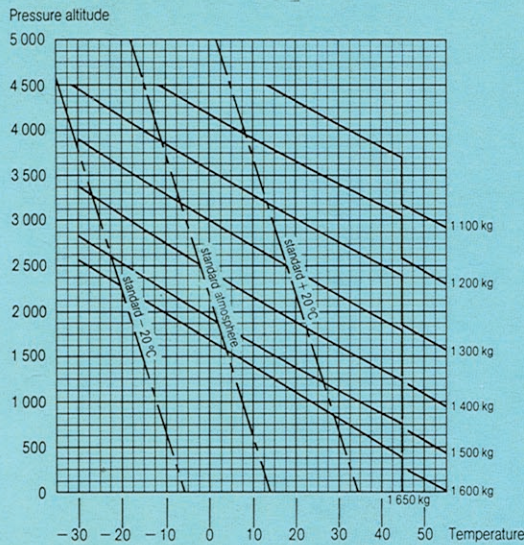
Hover ceiling OGE 920 m

Range at SL 720 km

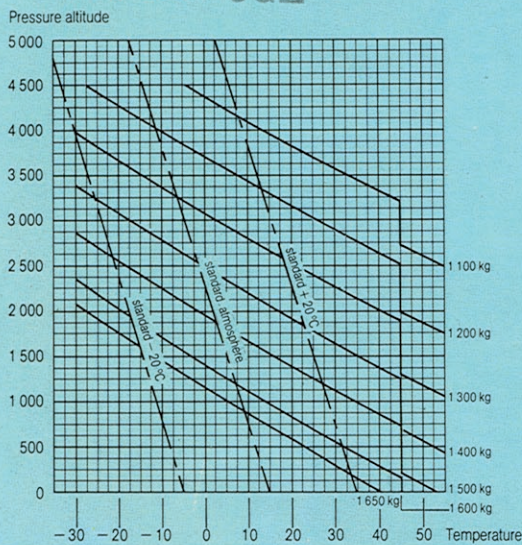
Endurance at SL-Cruise speed 4 hrs 50 mins

Endurance at SL-Min power speed 5 hrs 30 mins

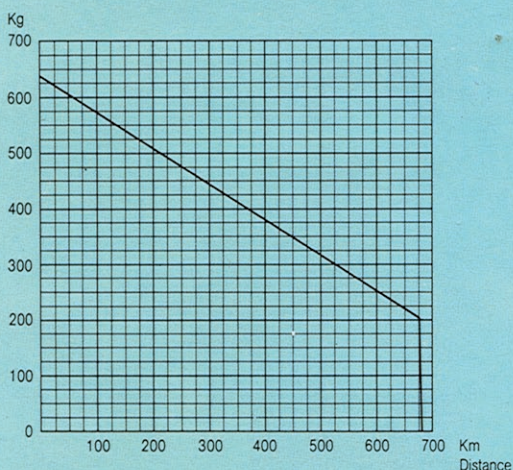
Hover ceilings OGE IGE



Hover ceilings IGE OGE



Payload versus range without reserve



Equipped aircraft 920 kg
1 pilot 80 kg
Normal cruise speed at sea level.

OPTIONAL EQUIPMENTS ON sa31

Main optional equipment

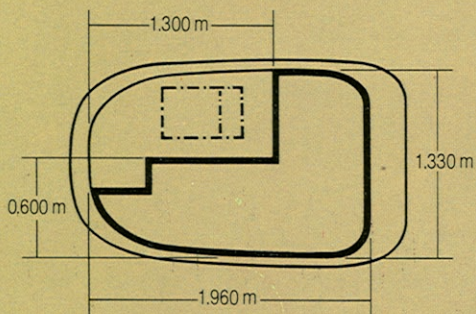
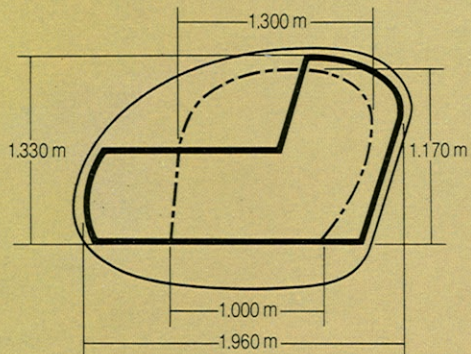
- Dual controls
- Cabin heating system
- Eight hole instrument panel (Lama type)
- VIP installation
- Pilot windshield wiper
- Hoist installation
- Cargo sling
- Two slope external mirror
- External carriers
- Internal casualty-carrying installation
- External cargo carriers
- Skis
- High skid
- Float landing gear
- Emergency floatation gear
- Intercommunication system
- VHF/AM 1
- ADF
- VOR
- IMC pneumatic gyro-instruments
(horizon + directional)



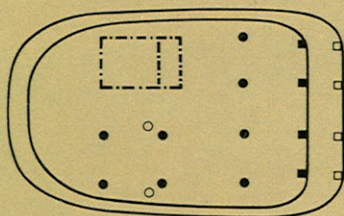
3B AND sa318C



Dimensions of accesses and compartments



Cabin floor



- Tie-down rings
- Tie-down rings on rear wall
- Seat attachment
- Co-pilot safety-belt attachment



ALOUETTE 2

