



ALOUETTE 3

Aerospatiale Helicopter Corporation
SETS PERFORMANCE STANDARDS

alouette 3

offers you reliability, performance, comfort, versatility and economy

The Experience of the 316B

Years of world-wide operating experience has established a tremendous safety record for the Artouste III B turbine engine. Designed specifically for the Alouette 3, this rugged, durable engine develops 858 hp, derated to 562 shp, which contributes significantly to its reliability and safety. This reserve power is available, if and when you need it at temperature and altitude extremes.

Performance: SA 316B

Sea Level Standard Conditions at

Gross Weight of lb	3,750	4,850
Useful Load, lb	1,216	2,316
Maximum Speed at SL (V _{max}), mph	130	130
Cruise Speed, mph	124	115
IGE Hovering Altitude, Standard Temp. ft	19,520	9,350
OGE Hovering Altitude, Standard Temp. ft	18,370	4,920
Maximum Range at SL, miles	323	308
Endurance, hours	3.4	3.0
Cargo Sling, lbs	1,800	

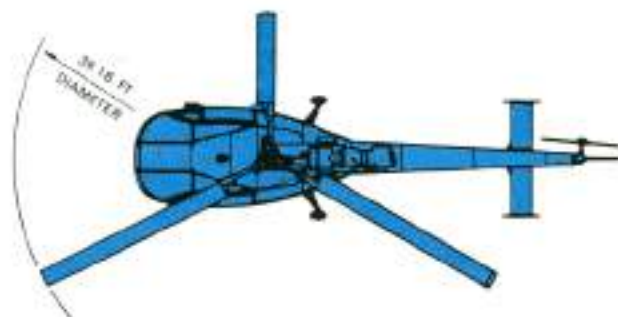
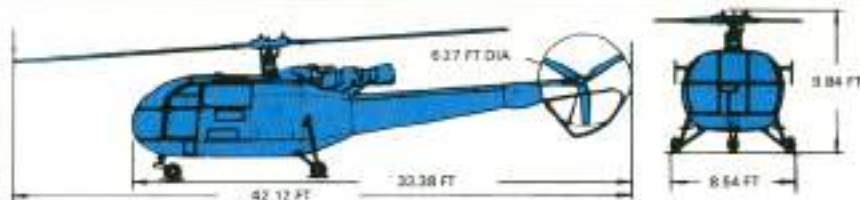
The Economy of the 319B

The Alouette 3 is also available in the energy saving 319 B. Equipped with an Astazou XIV B engine, the 319 B offers a 25% increase in fuel efficiency. This added efficiency is now combined with years of proven experience on the Alouette 3. The 319 B develops 858 hp, derated to 592 shp.

Performance: SA 319B

Sea Level Standard Conditions at

Gross Weight of lb	3,750	4,960
Useful Load, lb	1,203	2,413
Maximum Speed at SL (V _{max}), mph	137	137
Cruise Speed, mph	130	121
IGE Hovering Altitude, Standard Temp. ft	20,340	10,170
OGE Hovering Altitude, Standard Temp. ft	19,030	5,575
Maximum Range at SL, miles	404	391
Endurance, hours	4.2	3.8
Cargo Sling, lbs	1,800	



COMFORT: "Room to spare" describes the seating in the Alouette 3. With no center frame supports to get in the way, you can enjoy an unrestricted view. Soundproofing allows for ease of conversation throughout its spacious cabin. Wide sliding doors and a sturdy passenger step make entry and exit the easiest ever.



VERSATILITY: To meet your every need, we offer specific mission equipment to include cargo swing, rescue hoist, skis, float landing gear, emergency flotation gear, internal baggage compartment liners, external cargo basket, plus a variety of interiors from the plush executive arrangements to the economical vinyl utility interior, and the dual casualty carrying installation.

ECONOMY:

Extended overhaul periods		
Airframe, hours	SA 316B	2,400
	SA 319B	2,400
Engine, hours	Artouste III B	1,750
	Astazou XIV B	1,500

Hourly maintenance low

Take everything you can think of — daily, unscheduled, periodic and the airframe overhaul — all this averages less than 1/2 maintenance hour for each flying hour.

Servicing

Engineered with the operator in mind to provide large, easy-to-see and read sight gauges for fluid checks on the engine, transmission and tail rotor gearboxes and easy to get at centralized lubrication points on all dynamic components.

Capacity

Seven seats and over 100 cubic feet of interior space combine to provide new — adaptable — more profitable load capabilities.

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