AS332 C1e
Airbus Helicopters’ workhorse Super Puma family helicopters are legendary for their rugged design, excellent payload lift performance, and demonstrated ability to operate in the most austere environments.

As part of its strong partnership with sister company Vector Aerospace, Airbus Helicopters now offers the AS332 C1e version of this mission-proven helicopter product line, incorporating modern avionics and systems.

Features of the AS332 C1e include the 4-axis autopilot and associated automatic flight control system (AFCS) from Airbus Helicopters’ evolved EC225 Super Puma helicopter, which provides flight envelope protection, unrivalled precision, and stability in even the harshest operating conditions.

The AS332 C1e is tailored for a full range of missions, including:

- Utility airlift with internal and external loads
- Passenger transport
- Law enforcement and search & rescue missions
- Firefighting and medical evacuation
- Peace-keeping and humanitarian deployments
The Baseline Definition

The AS332 C1e is offered in a standard baseline that ensures a multi-mission capability while reducing production lead times for more rapid customer deliveries.
Despite its size and excellent payload in high-and-hot environment, the AS332 C1e’s agility and AFCS allow access to confined, sea, snow, and sand environments.

**Standard baseline**
- New digital dual duplex 4-axis autopilot (APM2010)
- Latest-generation navigation and flight management systems
- Full glass cockpit avionics, night vision goggles (NVG) compatible
- Multipurpose Air Intakes with anti-sand and anti-icing protection
- Crashworthy seats for the pilot and copilot
- Green-tinted upper glass panes installed inside the windshield
- Enlarged aft fuselage compartment with special single-step door
- Emergency locator transmitter (Kannad 406)
- Pressure refueling on the ground
- Main rotor blade folding system
- Naval mooring
Two Customization Levels

Airbus Helicopters provides plug-and-play solutions for AS332 C1e customization, while Vector Aerospace specializes in providing comprehensive capabilities for implementation of STC* upgrades.
Plug-and-play equipment examples with already developed Service Bulletins and associated mobile parts provided on request by Airbus Helicopters.

Our strong partnership with Vector Aerospace increases efficiency for specific needs.

- Vector Aerospace STC* examples
- Combi passenger/freight
- Electro optical turret mounted
- Door-mounted 12.7 mm machine gun
- Additional internal fuel tank
- Vertical light for hoisting, structural & electrical capabilities
- Telephonics 1600 weather radar
- CVFDR - EASA-OPS Part CAT
- HF/SSB Collins – HF 9X00
- VHF/F-H NAT NPX 138

Wire strike protection
External mirrors
20 troop seats installation
Fast roping beam
Spectrolab SX16 Searchlight
Cargo sling 4.5 t / 9,920 lb
Additional fuel tank
Armor plating for pilot and co-pilot crashworthy seats
Class 1 hydraulic hoist 75 m / 272 kg
Support & Services

The reliability of the AS332 C1e is one of the helicopter’s key strengths.
Cost-effectiveness with limited maintenance man hours (MMH)
Through Airbus Helicopters’ Parts-By-the-Hour (PBH) program, parts are made available for operations in various environments and covering all repairable items for both scheduled and unscheduled maintenance.

<table>
<thead>
<tr>
<th>SCHEDULED INSPECTION</th>
<th>ESTIMATED MAN HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily checks</td>
<td>Pilot’s task</td>
</tr>
<tr>
<td>50 flight hours</td>
<td>13 MMH</td>
</tr>
<tr>
<td>500 flight hours / 24 months</td>
<td>220 MMH</td>
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<thead>
<tr>
<th>AIRFRAME MAJOR INSPECTION</th>
<th></th>
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<tbody>
<tr>
<td>7,500 flight hours / 15 years</td>
<td>1,200 MMH</td>
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<tr>
<th>MAKILA 1A1</th>
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<tbody>
<tr>
<td>30, 50, 300 &amp; 600 flight hours</td>
<td>0.0836 MMH / flight hours</td>
</tr>
</tbody>
</table>

Tailored solutions for every operator
The shelter-based transportable maintenance container is an Airbus Helicopters’ exclusive.

20 feet: ISO for air, sea and road transport
Training

Airbus Helicopters’ training solutions enable AS332 C1e operators to increase the skills of their pilots, mechanics and operations managers. Also offered are mission-oriented courses that respond to operators’ specific mission scenarios.
Training is provided in Marignane, France with a full flight simulator configured to the AS332 C1e cockpit.

- From basic training to sophisticated mission training for pilot and engineers.
- A large selection of modern tools
  - Computer-based training
  - Fixed trainers
  - Light training device
  - Full flight simulator

A cost-efficient approach for dry or wet lease simulation
Main Characteristics
Flexible by design, the AS332 C1e benefits from:
• Remarkable volume and payload
• All-around versatility
• High-and-hot capabilities
• Up-to-date safety standards
• Easy piloting, simple to operate and maintain
• Cost-effective in diverse mission applications

WEIGHT

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<thead>
<tr>
<th></th>
<th>kg</th>
<th>lb</th>
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<tbody>
<tr>
<td>Maximum all-up weight (AUW)</td>
<td>8,600</td>
<td>18,960</td>
</tr>
<tr>
<td>Max. AUW in external load configuration</td>
<td>9,350</td>
<td>20,615</td>
</tr>
<tr>
<td>Baseline weight</td>
<td>4,800</td>
<td>10,582</td>
</tr>
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</table>

CAPACITY

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<thead>
<tr>
<th></th>
<th>kg</th>
<th>lb</th>
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<tbody>
<tr>
<td>2 pilots + 15 passengers in a comfortable forward seating Certified layout or up to 20 troop Qualified seating</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum cargo sling load</td>
<td>4,500</td>
<td>9,920</td>
</tr>
<tr>
<td>Certified combination for mixed passenger/freight</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 Pallets (std. 48&quot;) and/or 14 lateral seating</td>
<td></td>
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ENGINE

<table>
<thead>
<tr>
<th></th>
<th>kW</th>
<th>shp</th>
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<tbody>
<tr>
<td>2 Turbomeca Makila 1A1 Turboshaft</td>
<td>1,400</td>
<td>1,877</td>
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</tbody>
</table>

PERFORMANCE AT MAX. GROSS WEIGHT, ISA, SL

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<tbody>
<tr>
<td>Fast cruise speed</td>
<td>260 km/h</td>
<td>140 kts</td>
</tr>
<tr>
<td>Maximum speed (VNE)</td>
<td>278 km/h</td>
<td>150 kts</td>
</tr>
<tr>
<td>Rate of climb</td>
<td>8.2 m/s</td>
<td>618 ft/min</td>
</tr>
<tr>
<td>Max range with standard tanks, without reserve</td>
<td>642 km</td>
<td>346 NM</td>
</tr>
<tr>
<td>Endurance without reserve at 70kts</td>
<td>&gt; 3h15min</td>
<td></td>
</tr>
<tr>
<td>Useful load</td>
<td>4,195 kg</td>
<td>9,249 lb</td>
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</tbody>
</table>
Contacts
For more information, please contact:
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