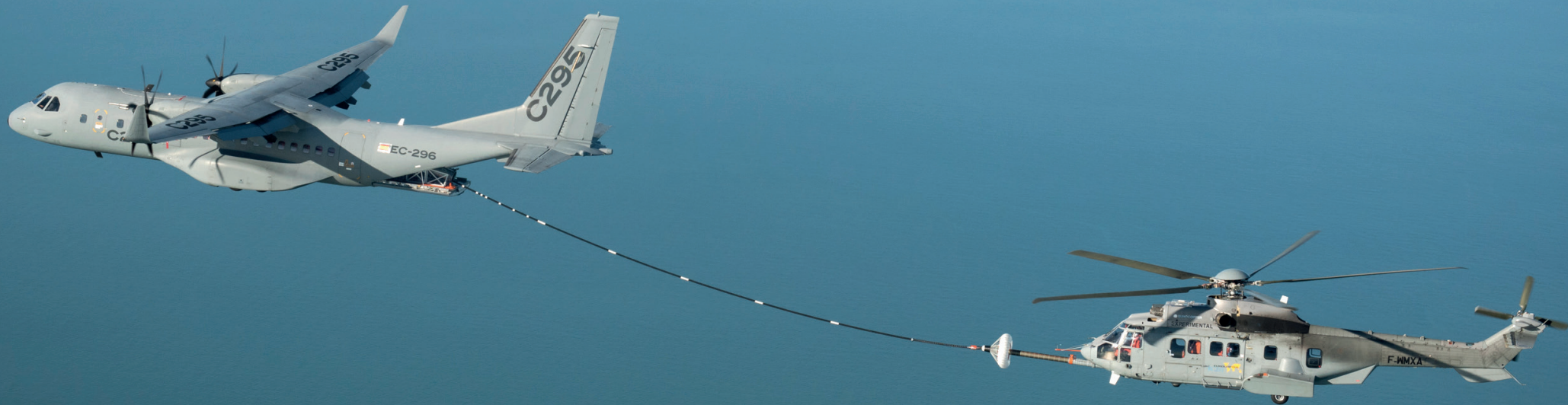


DEFENCE AND SPACE

C295 AAR Kit

The Tactical Tanker



AIRBUS

C295 AAR Kit The Tactical Tanker



Quickly reconfigurable

The C295 can be rapidly converted into a tactical tanker capable of performing day and night Air-to-Air Refuelling (AAR) of helicopters and fixed wing aircraft thanks to a roll-on/roll-off kit.

The helicopter's range is easily increased during Search and Rescue (SAR) missions over land or sea as well as during special operations in order to go deeper behind enemy lines.

The AAR kit provides the C295 with a centreline hose-and-drogue system fully electrically powered and at a fraction of the cost of heavier platforms.

Tactical tanking:

- Maximum fuel offload capacity: 6 tons
- Fuel offload rate up to 200 USG pm, regulated up to 50 psig
- Speed range from 105 - 130 KIAS up to 10 000 ft altitude (helicopters) and 180 - 210 KIAS up to 18 000 ft altitude (fixed wing receivers)

Technical data

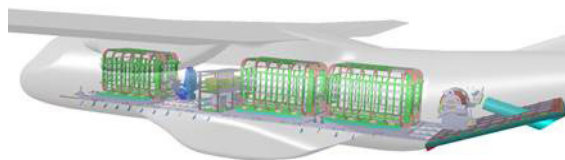
General dimensions		
Overall length	24.50 m	80 ft 3 in
Overall height	8.66 m	28 ft 5 in
Wing span	27.59 m	90 ft 6 in
Weights		
Max. Take-off Weight	23 200 kg	51 150 lb
Max. Landing Weight	23 200 kg	51 150 lb
Maximum payload*	9000 kg	19 850 lb
Payload @ 500 nm from hot & high	7500 kg	16 550 lb
Airfields (6000 ft altitude, ISA+20)		
Usable fuel capacity	7500 l	1980 USG
Performance		
Maximum Cruise Speed (TAS)	480 km/h	260 kt
Take off run (ISA, S/L, 21 000 kg)	670 m	2200 ft
Landing roll (ISA, S/L, 20 700 kg)	320 m	1050 ft
Load factor limits	+ 3.0 g / -1.0 g	
Powered by 2 Pratt & Whitney Canada PW127G turboprop with 2645 shp each (2920 shp max continuous/APR)		

* Final maximum payload will depend on the configuration selected by the customer.

Easy conversion

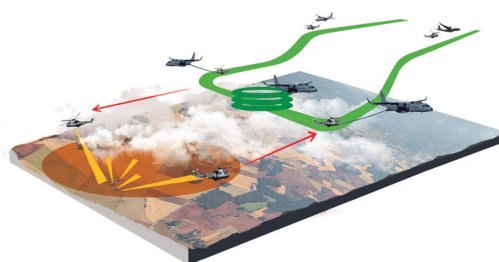
Only minor aircraft modifications are required as the AAR kit contains all the systems needed for the refuelling operations:

- Additional sealed fuel tanks with fuel pumping capacity
- A refuelling unit in the ramp including a removable external tunnel to accommodate the drogue
- An operating console to visualize the images coming from the remote vision system
- A visual aid system to support receiver positioning



The C295 is a force multiplier for combat SAR operations. As an example, it is able to provide 5 tons of fuel offload during 2 refuelling operations (inbound-outbound) including 4 hours in standby position at 300 nm from the main operation base.

Mission performance



- **FLEET ADAPTABLE.** The C295 in service fleet can benefit from this new capability as the AAR kit is independent from the basic aircraft systems, and therefore only minimum aircraft modifications are required
- **MULTIROLE.** When the AAR kit is not installed, the C295 keeps its multirole transport capabilities
- **LEADER.** The C295 is the market leader in its segment with 200+ aircraft sold to 31 operators in 28 countries. The C295 is combat proven and have received repeated orders from 14 customers