

DEFENCE AND SPACE

C295 AAR Kit

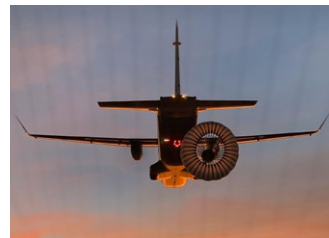
The Tactical Tanker



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 (fighter and transport 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 territories as well as during Special Operations in order to go deeper in the 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: 6000 kg
- Fuel offload rate: up to 600 kg/min, regulated up to 50 psig
- Refuelling speed range from 110 to 210 KIAS
- Altitude: up to 18 000 ft

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 Airfields (6000 ft altitude, ISA+20)	7500 kg	16 550 lb
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.

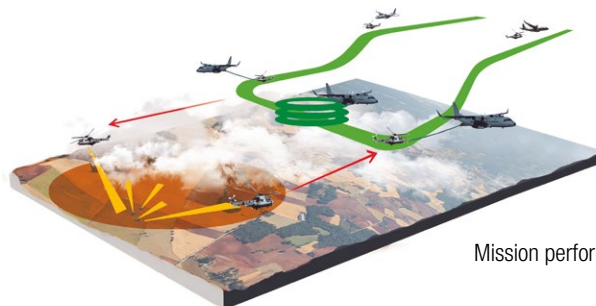
Easy conversion

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

- Up to three additional fuel tanks with fuel pumping capacity
- A refuelling unit in the ramp
- A visual aid system to support receiver positioning



The C295 is a force multiplier for Combat SAR operations. As an example, a C295 could provide 4500 kg of fuel offload during 2 refuelling (inbound –outbound) operations 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 280 aircraft ordered by 39 operators in 35 countries. The C295 is combat proven and have received repeated orders from 18 customers