

CASA 295

Facing the future...
...based on experience



MILITARY TRANSPORT AIRCRAFT



High mission versatility

The **C-295**, the latest development within the EADS military transport aircraft family, is the answer to meet the expanded and more sophisticated operational capabilities required by today's military missions such as deployment of Rapid Reaction Forces, Peace Keeping Operations or humanitarian interventions as well as relief operations in case of natural disasters.

The **C-295's** commonality with the well-know CN-235 (240 aircraft operating around the globe) provides a background and cost-effective operational capability that simply can not be matched by any other aircraft in its category. Exceptional flight and STOL performance, a flight level up to 30,000 ft, a sturdy military landing gear, a payload of more than 9,000 kg and a state-of-the-art integrated avionics system, together with **FAR 25 certification and the longest cabin in its class**, make the **C-295** the most efficient non-risk option for a medium-size airlifter and the perfect complement to heavy airlifters.



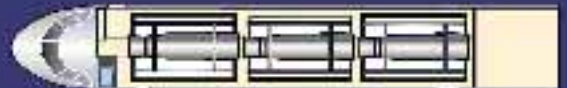
TROOPS
71 seats (+4 optional)



PALLET TRANSPORT
Five 108" x 88" (one in ramp)
Ten 88" x 54"
AERIAL DELIVERY (HAD, LAPES)



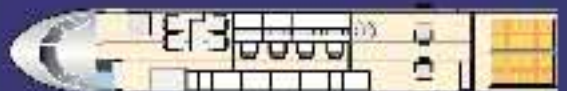
MEDEVAC
24 stretchers (+3 optional)



FIGHTER ENGINE TRANSPORT
(Three EJ200)



VEHICLE TRANSPORT
Three light vehicles (Land Rover type)



MARITIME PATROL VERSION

The **CASA C-295's** versatility makes it the fit for purpose military aircraft.



- 27 more troops**
- 1 additional pallet**
- 1 additional fighter engine**
- 1 additional vehicle**

State-of-the-art avionics system

The **C-295** is fitted with the HIAS (Highly Integrated Avionics System) based on the core of the Thales Topdeck® avionics system.

Flexible architecture concepts and the use of dual technology civil/military equipment ensure missions success on demanding tactical missions, as well as compatibility with the latest civil airspace environment.

Flight and Navigation data is presented on four 6" x 8" LCD screens. The Integrated Engine Display System (IEDS) presents engine parameters, fuel system data and aircraft systems warnings on two LCD screens. The IEDS monitors and records engine operating parameters for maintenance purposes.



Open Integrated architecture

- Two Central Data Processor/Interface Units.
- Standard digital buses (MIL1553B, ARINC 429).

FMS with 4-D navigation and tactical modes.

IRS/GPS integrated in the system.

Colour weather radar with Search, Beacon and ground mapping.

Full NVG compatible.

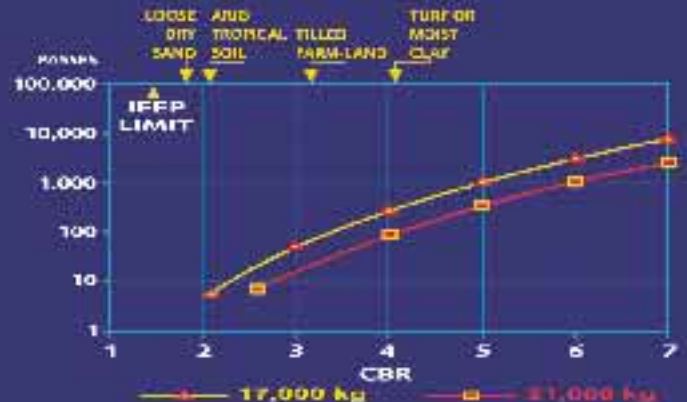
Growth potential for additional equipment such as GPWS, SATCOM, dedicated mission sensors or video presentations from FLIR or cameras.

Excellent ground manoeuvrability...

The C-295 has been designed to operate from remote sites, with no ground facilities and limited space for manoeuvre.

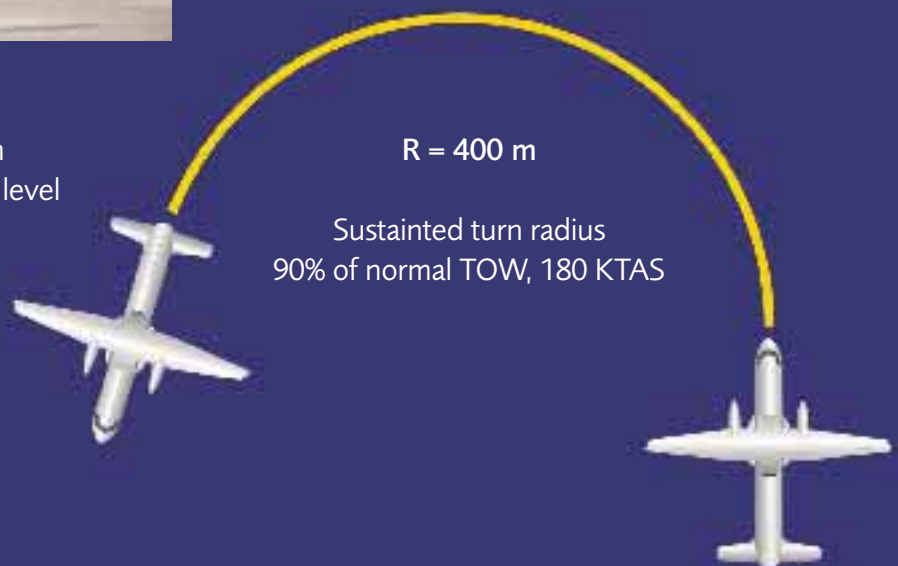
- 180° star-turn on 40 ft wide runway.
- Capable of reversing up a 5% slope, under its own power at normal take-off weight.
- Excellent soft field capabilities that enable the C-295 to deliver large amounts of payload to an unprepared airfield, before the surface becomes unusable.

Soft Field Capability



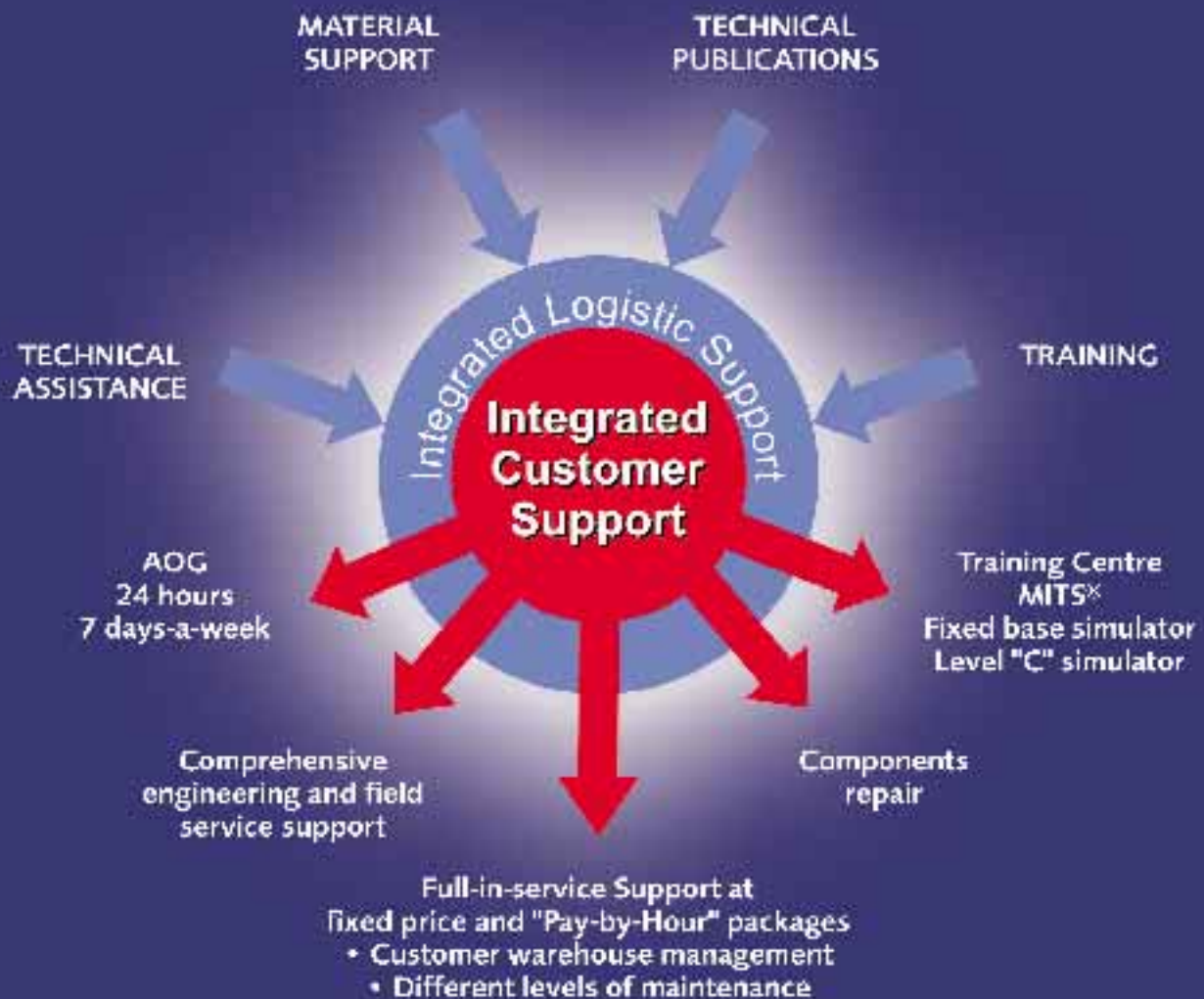
The advanced aerodynamics and optimum powerplant endow the C-295 with a high level of agility and manoeuvrability.

- 3g airframe.
- Landing Sink Rate of 9 ft/sec at MLW.
- Roll rate of 35 degrees per second.
- Steep descent profile (over 4,000 ft per minute).



...outstanding tactical capabilities

Integrated Customer Support



Operators of more than 800 CASA aircraft in 50 countries benefit from our Integrated Customer Support, the guarantee of a rapid, comprehensive and efficient Integrated Logistic Support.

Years of experience supporting over 100 world-wide Customers have provided considerable knowledge and unique In-Service Support, tailored to the requirements of each operator



Optimum choice... ...for mission success



Dimensions

Length	80 ft 3 in	24,50 m
Wing Span	84 ft 8 in	25,81 m
Cabin Length	41 ft 8 in	12,69 m
Cabin Height	6 ft 3 in	1,90 m
Cabin Width	8 ft 11 in	2,70 m

Weights

Maximum Take-off Weight	51,146 lb	23,200 kg
Normal Take-off Weight	46,296 lb	21,000 kg
Maximum Landing Weight	51,146 lb	23,200 kg
Maximum Payload	20,392 lb	9.250 kg
Fuel Capacity	1,034 US Gal.	7.700 lit
Number of equipped Troops	71 (+4 optional)	71 (+4 opcionales)
Number of 88" x 108 pallets	5	5

Performance

Maximum Cruise Speed	260 ktas	480 km/h
Take-off Distance to 50 ft (S/L, ISA, Normal MTOW)	2,769 ft	844 m
Landing Distance from 50 ft (S/L, ISA, MLW)	2,392 ft	729 m
Maximum Range	3,040 nm	5.630 km
Range with 8,000 kg payload (17,640 lb)	1,160 nm	2.150 km

Power Plant

Engines 2 x Pratt&Whitney Canada PW127G of 2,645 SHP each
Propellers Hamilton Standard 568F-5 (six bladed)



Military Transport Aircraft

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