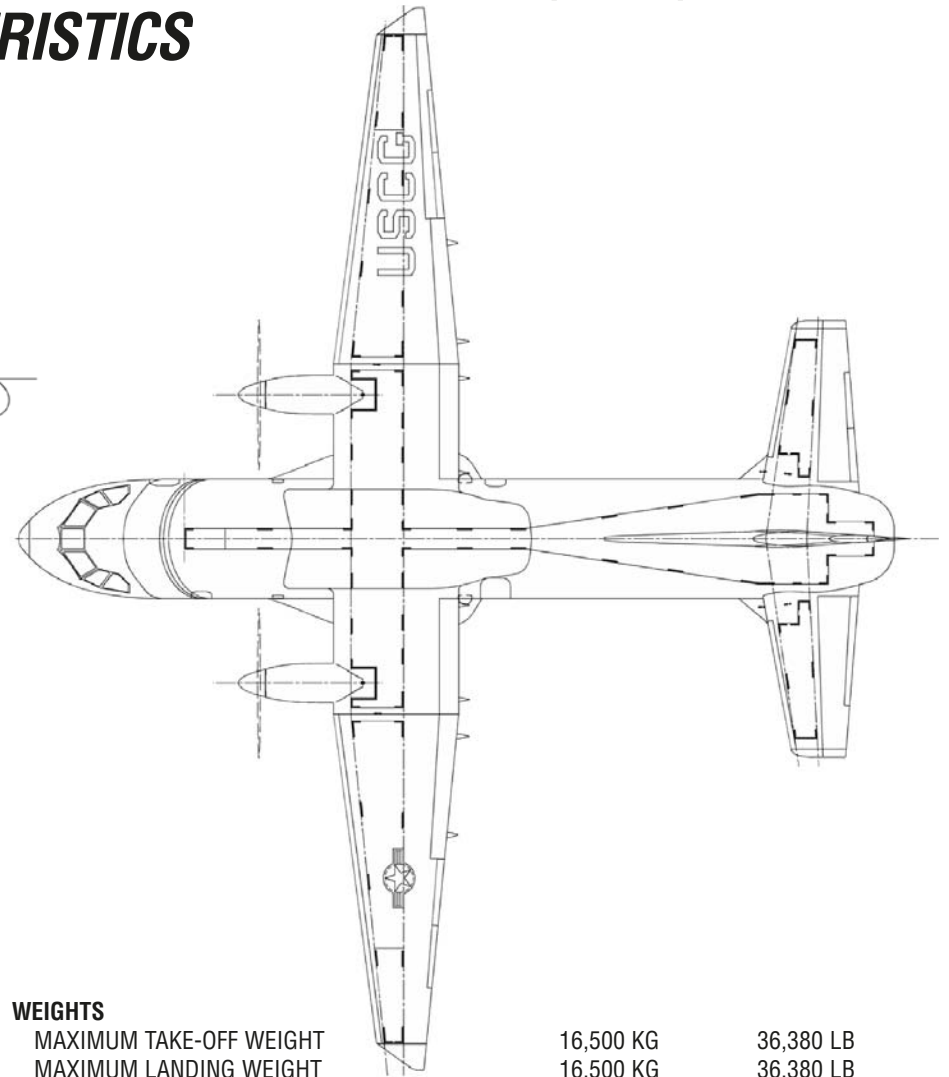
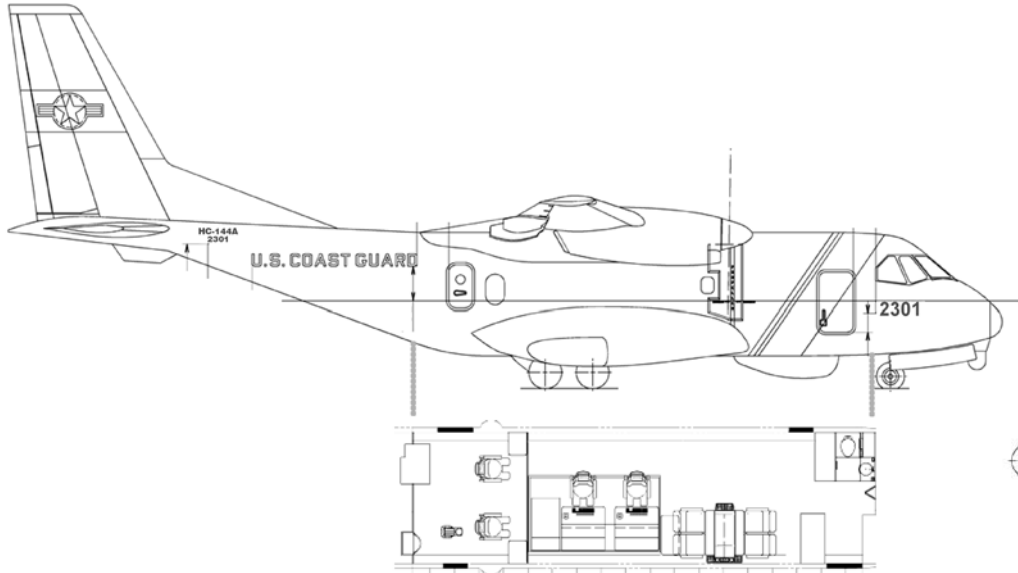




## **MEDIUM RANGE SURVEILLANCE MARITIME PATROL AIRCRAFT (MRS) HC-144A**

**Integrated Coast Guard Systems (ICGS)  
Lockheed Martin • EADS CASA  
[www.teamdeepwater.com](http://www.teamdeepwater.com)**

# MEDIUM RANGE SURVEILLANCE MARITIME PATROL AIRCRAFT (MRS) HC-144A CHARACTERISTICS



## DIMENSIONS

LENGTH	21.40 M	70' 2"
WING SPAN	25.81 M	84' 8"
CABIN LENGTH	9.65 M	31' 8"
CABIN HEIGHT	1.90 M	6' 3"
CABIN WIDTH	2.70 M	8' 11"

## PERFORMANCE

MAXIMUM CRUISING SPEED	236 KTAS	
MAXIMUM RANGE – MPA CONFIGURATION	4,270 KM	2,305 NM
MAXIMUM RANGE – CARGO CONFIGURATION	4,730 KM	2,554 NM
RANGE WITH PAYLOAD – CARGO	2,845 KM	1,536 NM

## ELECTRONICS AND COMMUNICATIONS

ROCKWELL COLLINS FLIGHT2™ AVIONICS SUITE  
 HF, VHF, UHF, INMARSAT AND MILSATCOM COMMUNICATIONS  
 EDO ALR-95 ELECTRONIC SURVEILLANCE MEASURES SYSTEM  
 FLIR STAR SAFIRE III ELECTRO/OPTIC INFRA/RED SYSTEM  
 TELEPHONICS APS-143C (V)3 SEARCH RADAR  
 SAAB R-4A AUTOMATIC IDENTIFICATION SYSTEM  
 RADIO DIRECTION FINDER  
 GLOBAL POSITIONING SYSTEM  
 ENHANCED GROUND PROXIMITY WARNING SYSTEM  
 TRAFFIC COLLISION AVOIDANCE SYSTEM (TCASII)  
 LOCKHEED MARTIN C4ISR MISSION SYSTEMS PALLET

## WEIGHTS

MAXIMUM TAKE-OFF WEIGHT	16,500 KG	36,380 LB
MAXIMUM LANDING WEIGHT	16,500 KG	36,380 LB
MAXIMUM PAYLOAD	6,000 KG	13,230 LB
MAXIMUM FUEL	5,220 L	1,378 US GAL

## POWER PLANT

NUMBER/MODEL	2 GENERAL ELECTRIC CT7-9C3
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## CREW

2 PILOTS  
 2 SYSTEM OPERATORS  
 2 OBSERVER/LOADMASTERS