

Exhibitor No:

FOR IN FLIGHT: **OR STATIC:** **DISPLAY**

Show No 40

Attention: Requested information will be used by the official Airshow speakers

As well as providing information for the press office, this document will be used as a basis for the official commentaries. Exhibitors should therefore indicate the technical data and commercial information requested, as well as any other information they would like to transmit to the public during the flight program.

MANUFACTURER:	LOCKHEED MARTIN		
AIRCRAFT TYPE AND NAME:	C-130J-30 Hercules		
CATEGORY:	Military cargo		
COUNTRY:			
FIRST FLIGHT:			DISPLAY CREW:
Date: 05/04/1996 Location: Marietta Crew:			Wayne Roberts
ENGINE(S):			
Number: 4	Type:	AE2100D3 turboprops	
Manufacturer: ROLLS ROYCE			
Take off rating (Dry): 11 000 lb	With reheat:		
Propeller(s): Dowty R391 composite scimitar propellers			
TECHNICAL DATA:	COMMERCIAL INFORMATION:		
Empty weight: 87 400 lb	Prototypes (or pre-prod):	1	
Max take off weight: 167 400 lb	Firm orders:	257	
Max cruise speed: 325 kts	Options:		
Max operating speed: 270 kts	Deliveries:	172	
Stall speed: 80 kts	Production rate:	from 12 to 16 aircraft a year	
Max endurance: 14:00	Number of clients:	8	
Max range: 3 700 NM	Contact during the show:	Jim Grant	
ACCOMODATION:	WEAPONS		
Accommodation: 92 passengers or 64 airborne troops or 74 litter patients with 2 medical personnel 2 or 3 Humvees or an M113 Armored Personnel Carrier	None		
Max payload: 45 000 lb			
MISCELLANEOUS:			
<p>The Lockheed-Martin C-130J is a comprehensive update of the venerable Lockheed C-130 Hercules, with new engines, flight deck, and other systems. The Hercules family has the longest continuous production run of any military aircraft in history. During more than 50 years of service, the family has participated in military, civilian and humanitarian aid operations.</p> <p>The C-130J is the newest version of the Hercules and the only model still in production. Externally similar to the classic Hercules in general appearance, the J model is a very different aircraft. These differences include new Rolls-Royce AE 2100 D3 turboprops with Dowty composite propellers, an advanced two-pilot flight station with fully integrated digital avionics, color multifunctional liquid crystal displays and head-up displays, a state-of-the-art navigation systems with dual inertial navigation system and global positioning system, a fully integrated defensive systems, a low-power color radar and a digital moving map. Reduced crew requirements consists in two pilots, one load master, and one crew chief. The aircraft can also be configured with the "enhanced cargo handling system". The system consists of a computerized loadmasters station from where the user can remotely control the under floor winch and also configure the flip floor system to palletized roller or flat floor cargo handling. Initially developed for the USAF, this system enables rapid role changes to be carried out and so extends the C-130J's time available to complete taskings.</p> <p>186 C-130J and C-130J-30 aircraft have been ordered and over 150 delivered so far.</p> <p>The United Arab Emirates Air Force announced an order for twelve C-130J transport aircraft in 2009.</p>			