

# **AIRCRAFT TECHNICAL SPECIFICATION SUMMARY**

**Date : 17 Nov. 2023**

<b>Aircraft type</b>	<b>: BOEING 737-86N</b>
<b>Registration</b>	
<b>A/C serial No.</b>	
<b>A/C Line No.</b>	<b>2300</b>
<b>Date of manufacture</b>	<b>: 28 Jun, 2007</b>
<b>Fuel capacity</b>	<b>: 20896 KG.</b>
<b>No. Of Galleys</b>	<b>: THREE</b>
<b>Seating configuration</b>	<b>: 189 all Economy.</b>
<b>A/C total hours</b>	<b>: 38492:35 Hrs</b>
<b>A/C total cycles</b>	<b>: 13837Cycles.</b>
<b>C Check every.</b>	<b>: 7500 Hours</b>
<b>Next C Check due</b>	<b>: (C8 ) check at 41314 FH.</b>

## **CERTIFICATES**

### **Certificates of Airworthiness**

<b>Certificate Number</b>	<b>:</b>
<b>Issuing Authority</b>	<b>:</b>
<b>Date of Issue</b>	<b>: 26.06.2007</b>
<b>Date of Expire</b>	<b>: 25-06-2024</b>
<b>Category</b>	<b>: Transport</b>

### **Certificates of Registration**

<b>Certificate Number</b>	<b>:</b>
<b>Issuing Authority</b>	<b>:</b>
<b>Date of Issue</b>	<b>: 25.06.2007</b>
<b>Date of Expire</b>	<b>: Unlimited</b>

<b><u>Noise compliance</u></b>	<b>: Stage III</b>
--------------------------------	--------------------

## AIRCRAFT WEIGHT

ITEM	LBS	KG
MAX.TAXI WEIGHT	174,700	79, 242
MAX.TAKE OFF WEIGHT	174,200	79,015
MAX.LANDING WEIGHT	144,000	65,317
ZERO FUEL WEIGHT	138,300	62,731

## ENGINES

ITEM	ENGINE NO. 1	ENGINE NO. 2
ENGINE TYPE	CFM56-7B26/3	CFM56-7B26/3
S/N		
TOTAL TIME	38492:35 Hrs.	35309:49 Hrs.
TOTAL CYCLE	13837 Cycles.	12556 Cycles.
T.T SINCE LAST SHOP VISIT	NO SHOP VISIT	28431:55Hrs.
T.C SINCE LAST SHOP VISIT	NO SHOP VISIT	10362 Cycles.

## APU

APU MODEL NUMBER : 131-9B  
TYPE : HONEY WELL  
P/N : 3800702-1  
S/N :  
TOTAL TIME : 19085 HRS  
TOTAL CYCLES : 28248 CYC

## LANDING GEAR:

INSTALATION DATE : 23/06/2017

TYPE	LEFT MLG	RIGHT MLG	NOSE LG
P/N	161A0001-5	161A0001-6	162A0001-6
S/N	MAL05469Y2647	MAL05470Y2647	MAL01846Y2647
TIME.SINCE OVERHAUL	2076:00 Hrs	2076:00 Hrs	2076:00 Hrs
CYCLES SINCE OVERHAUL	641 FC	641 FC	641 FC
OVERHAUL LIMIT	21000 FC or 10 Years	21000 FC or 10 Years	18000 FC or 10 Years
CYCLES REMAINING	20359 FC or Before March 2027	20359 FC or Before March 2027	17359 FC or Before March 2027

**CARGO**  
**COMPARTMENT**

USABLE VOLUME (CU FEET)	<b>FWD</b> <b>672 CU-FT</b>	<b>AFT</b> <b>883 CU-FT</b>
-------------------------	--------------------------------	--------------------------------

**CARGO DOOR**

DIMENSIONS(INCH)	<b>FWD</b> <b>35" * 48"</b>	<b>AFT</b> <b>31-35" * 48"</b>
------------------	--------------------------------	-----------------------------------

**Maintenance schedule according to operation specification as follows:**

<b>TYPE OF CHECK</b>	<b>CHECK INTERVAL</b>
<b>Pre-flight check(PDC)</b>	<b>To be carried out just before every departure.</b>
<b>Daily check</b>	<b>To be carried out every 24 hours not exceed 36 hours</b>
<b>Bi-weekly check</b>	<b>To be carried out at intervals not exceeding 15 calendar day, OR 50 FC OR 150 FH which comes first.</b>
<b>"A phase" &amp; Multiple checks</b>	<b>To be carried out at intervals not exceeding 750 FH (Flight Hours) or 120 days or 450 FC whichever comes first .</b>
<b>"C phase" &amp; Multiple checks</b>	<b>To be carried out at intervals not exceeding 7500FH (Flight Hours) or (3Years ) whichever comes first .</b>

## Major Avionics:

Description	Qty.	Supplier P/N	Manufacture
<b><u>22-AUTO FLIGHT</u></b>			
FLIGHT CONTROL COMPUTER	2	822-1604-101	COLLINS
MODE CONTROL PANEL	1	822-1567-101	COLLINS
<b><u>23-COMMUNICATIONS</u></b>			
HF COMM	2	822-0990-002	COLLINS
VHF COMM	2	064-50000-0110	HONEY WELL
SELCAL DECODER	1	NA138-714C	AVTECH
COCKPIT VOICE RECORDER	1	980-6022-001	HONEYWELL
PASSENGER ADDRESS	1	622-5342-101	Collins
ELT TRANSMITTER AUTOMATIC FIXED	1	453-5004	ARTEX
AIRSHOW DIGITAL INTERFACE UNIT	1	92100	INC
PRERECORDED ANNOUNCEMENT & MUSIC UNIT	1	RD-AX7360-01	MATSUSHITA
AUDIO ENTERTAINMENT PLAYER	1	RD-AX7095-01	MATSUSHITA
DVD PLAYER	2	RD-AV1306-01	MATSUSHITA
REMOTE ELECTRONICS UNIT	1	5340-1-1	AVTECH
<b><u>31-INDICATING &amp; RECORDING SYSTEM</u></b>			
DIGITAL FLIGHT DATA RECORDER	1	980-4700-042	HONEY WELL
DFDAU	1	2233000-815-1	TELEDYNE
MODULE-AURAL WARNING	1	69-78214-3	BAE SYS.CONT
DISPLAY-FLAT PANEL	6	4086850-922	HONEY WELL
CDS DEU	2	4081600-930	HONEY WELL

<b><u>34-NAVIGATION</u></b>			
<b>ENHANCED GROUND PROXIMITY WARNING SYSTEM</b>	<b>1</b>	<b>965-1690-052</b>	<b>HONEYWELL</b>
<b>DME INTERROGATOR</b>	<b>2</b>	<b>066-50013-0101</b>	<b>HONEYWELL</b>
<b>FLIGHT MANAGEMENT COMPUTER</b>	<b>2</b>	<b>176200-01-01</b>	<b>SMITH IND.</b>
<b>MCDU-FMS</b>	<b>2</b>	<b>147101-02-01</b>	<b>SMITH IND.</b>
<b>RADIO ALTMETER</b>	<b>2</b>	<b>066-50007-0101</b>	<b>HONEYWELL</b>
<b>ATC TRANSPONDER MODE S</b>	<b>2</b>	<b>066-01127-1602</b>	<b>HONEYWELL</b>
<b>TCAS COMPUTER ( TCAS II CHANGE 7.1 )</b>	<b>1</b>	<b>940-0351-001</b>	<b>HONEYWELL</b>
<b>ADF RECIVER</b>	<b>2</b>	<b>066-50014-0101</b>	<b>HONEYWELL</b>
<b>VOR-MARKER BEACON RECEIVER</b>	<b>2</b>	<b>066-50012-0101</b>	<b>HONEYWELL</b>
<b>MULTI-MODE RECEIVER</b>	<b>2</b>	<b>066-50029-1201</b>	<b>HONEYWELL</b>
<b>WEATHER RADAR TRANSCEVER</b>	<b>1</b>	<b>066-50008-0406</b>	<b>HONEYWELL</b>
<b>AIR DATA INERTIAL REFERENCE UNIT</b>	<b>2</b>	<b>HG2050AC07</b>	<b>HONEY WELL</b>
<b>EFIS CONTROL PANEL</b>	<b>1</b>	<b>4082730-901</b>	<b>HONEY WELL</b>