

Aircraft Specification (A330-302)

GENERAL DESCRIPTION			
Aircraft Type	A330-302	TSN	
Serial Number		CSN	
Date of manufacture	19-Nov-2010	SAM Air Delivery date	2-Nov-2023
Current Registration		Previous Registration	
MSN		Last inspection for "C of A"	28-Dec-2024

Aircraft status			
Check type	Interval (Hours/Cycle/Calendar "MO")	Date of Last done	Next due
"1C" Check	24 MO / 12000 FH	Aug-2023	Sep-2025

ENGINES			
Manufacturer	GE AIRCRAFT ENGINES		
Engine Model	CF6-80E1A4		
Engine #1	811558	Engine #2	811559
TSN	32 257	TSN	34 649
CSN	12 063	CSN	12 928
Limiter	LP Turbine Shaft	Limiter	HPT Rotating Interstage Seal
Remaining Cycle	7 416	Remaining Cycle	4 112
Date of last shop visit	31-Oct-2022	Date of last shop visit	10-Jan-2023

APU			
Manufacturer	Honeywell		
APU Model / Part Number	331-350C/3800454-6		
APU SN	P-1259		
TSN	22 810		
CSN	19 184		
Limiter (if applicable)	Not applicable		
Rem. Cycle (if applicable)	Not applicable		
Date of last shop visit	05-Sep-2022		

LANDING GEAR			
	Nose Gear	LH MLG	RH MLG
Part Number	D23581300-20	10-210101-004	10-210201-004
Serial Number			
Interval (Cycles / Years)	20000 FC / 10 Y	20000 FC / 10 Y	20000 FC / 10 Y
CSO	6255	6255	6255
Date of Last Overhaul	01-Jun-2020	29-May-2020	29-May-2020

Date of Next Overhaul	02-Jun-2030	30-May-2030	30-May-2030
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WEIGHT	
Maximum Take-off Weight	230,000 Kg
Maximum Taxi Weight	230,900 Kg
Maximum Landing Weight	185,000 Kg
Maximum Zero Fuel Weight	173,000 Kg
Basic Empty Weight	130,213 Kg
Date of last weighing	20.02.2021

INTERIOR CONFIGURATION	
Cabin	36 B/C 277 Y/C
Cockpit	2 Crews , 2 OBS
Galleys	6
Lavatories	2 B/C 6 Y/C

PRINCIPAL AVIONICS			
DESCRIPTION	VENDOR	PART NUMBER	REMARKS
Flight Control Unit	Thales Avionics	C12849AB05	
Flight Management & Guidance System	Thales Avionics	Flight Management & Guidance System	
SATCOM	Rockwell Collins	822-0314-303	
HF Com Transceiver	Rockwell Collins	822-0330-020	
VHF Com Transceiver (Incl. 8.33 & FM im)	Rockwell Collins	822-1047-030	
Cockpit Voice Recorder	Honeywell	980-6022-001	
Cockpit Voice Recorder -Solid State	Honeywell	980-6022-001	
ELT - Fixed -121.5/243/406MHz	Thales Avionics	S1819502-02	
ELT - Portable - 121.5/243/406MHz(FWD)		1152892-1M416	
Digital Flight Data Recorder - Solid St.	Honeywell	980-4700-042	
Flight Data Interface Management Unit	Teledyne	2234340-02-02	
TCAS	Honeywell	940-0351-005	
ADIRU	Honeywell	HG2030AE24	
ISIS Indicator	Thales Avionics	C16221WB01	
MMR	Honeywell	066-50029-1161	
EGPWC Mark5	Honeywell	965-1676-003	
Radio Altimeter Transceiver		9599-607-19504	
Weather Radar Transceiver Incl. Pred WSH	Honeywell	066-50008-0409	
ADF Receiver	Rockwell Collins	822-0299-020	
ATC TRANSPONDER	Honeywell	066-01212-0102	
DME Interrogator	Rockwell Collins	822-0329-020	
VOR Receiver (incl. FM immunity)	Rockwell Collins	822-0297-020	
Air Traffic Services Unit	Airbus SAS	LA2T0G20705C070	

Asset Complete Specification

Manufacturer: Airbus SAS

Model Designation: A330-302

Serial Number:

Registration:

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation: CF6-80E1A4

DoM: Nov/2010

Current Lessee:

Contract Reference:	Lease Type:	Operating Lease		
Lessee:				
Asset Operator:				
Registration Current Lease:	Lease Start - End:	19/Nov/2010	18/Nov/2022	
Operating Time Since Start Lease:	Flight Hours:	32,597.16	Ratio:	Started FH: 0.00
	Flight Cycles:	13,777	2.37	Started FC: 0

Operating History:	From:	End Date:	Asset Operator
	19/Nov/2010		

Date of Manufacturing: 19/Nov/2010

Model Designation: A330-302

Asset Owner:

Asset Specific Data

Asset Model Designation

A330-302

Description

Comment

Aircraft - General

Autoland Capabilities - Approach Category	IIIB
Area Navigation (BRNAV/PRNAV)	Yes
Noise Category Compliance	Chapter4 /Stage 4
Reduced Vertical Separation Minimum (RVSM)	Yes
Extended-range Twin-engine OperationS	180 min

Aircraft - Build Info

Cockpit Indications (Metric/Imperial)	Imperial
Satcom Installed	Yes
Airstair Installed	No
Winglets Installed	Yes

Engine Information

Engine Thrust Rating - Factory Delivery	66,870 lbs
Engine Thrust Rating - Current Operating	66,870 lbs

APU Information

APU Model	GTCP 331-350[C]
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Landing Gear Information

Brake Material (Steel/Carbon)	Carbon
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Avionics/Communication

Head Up Display (HUD)	No	
Acars installed	Yes	
GPS installed	Yes	
FANS - ADS-B / ADS-C	Yes	ADS-B Out DO-260B
FANS - Controller Pilot Datalink (CPDLC)	Yes	FANS A+

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation: CF6-80E1A4

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Asset Model Designation	A330-302	
	Description	Comment

Interior Information

Cabin Class Configuration	36BC+277YC	
Attendant Seats	12	
Cabin Seat Manufacturer - Models (P/N)	Zodiac Seats	BC: 855703-40X,YC: 23202XX-XX
Galley Standard	ATLAS	

Operational Requirements

Compliance with: ELT 121.5/406 MHz	Yes
Compliance with: FM Immunity and 8.33 KHz channel spacing	Yes
Compliance with: TCAS	Yes

Cargo Compartments

Cargo Loading System	Yes
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Asset Weights:	Current		Max. Designed		Purchased / Leased		Delivery to Lessee		Redelivery to Lessor	
Description:	(kg)	(lb)	(kg)	(lb)	(kg)	(lb)	(kg)	(lb)	(kg)	(lb)
Maximum Taxi Weight	230,900	509,047	230,898	509,043	230,898	509,043	230,898	509,043	230,898	509,043
Maximum Take Off Weight	230,000	507,063	233,000	513,677	233,000	513,677	233,000	513,677	233,000	513,677
Maximum Landing Weight	185,000	407,855	184,998	407,851	184,998	407,851	184,998	407,851	184,998	407,851
Maximum Zero Fuel Weight	173,000	381,399	175,000	385,809	175,000	385,809	175,000	385,809	175,000	385,809
Basic Empty Weight	130,213	287,071								

Registration History:

Registration:	Registration date:	De-registration date:	Country:	Temporary:
	19/Nov/2010		Taiwan	

Major Components

Description	Position	Type	Part No	Serial No	TSN	CSN	Date
Airframe							
Airframe for A330			AIRFRAME		32,597	13,777	30/Sep/2022

Manufacturer: Airbus SAS

Engine General

Engine	Left	CF6-80E1	1457M90G01		29,736	11,457	30/Sep/2022
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Status: On Other Aircraft

Manufacturer: GE

Engine General

Engine	Right	CF6-80E1	1457M90G01		31,758	12,144	30/Sep/2022
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Status: On Other Aircraft

Manufacturer: GE

Main Landing Gear

Main Landing Gear	Left	10-210101- 10-210101-004 004			53,623	9,978	30/Sep/2022
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Status: On Aircraft

Manufacturer: SAFRAN LANDING SYSTEMS

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation:

CF6-80E1A4

DoM: Nov/2010

Main Landing Gear	Right	10-210201- 10-210201-004 004	53,623	9,978	30/Sep/2022
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Status: On Aircraft

Manufacturer: Messier Dowty

Nose Landing Gear

Nose Landing Gear	D23581300- D23581300-20 = 20	53,623	9,978	30/Sep/2022
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Status: On Aircraft

Manufacturer: SAFRAN LANDING SYSTEMS

APU - Engine

(APU hrs/cyc)

APU	GTCP331- 3800454-6 350C	19,186	16,187	30/Sep/2022
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Status: On Aircraft

Manufacturer: Honeywell-Allied Signal

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation: CF6-80E1A4

DoM: Nov/2010

Maintenance Status History

Overhaul/Check/Shop Visit	Maintenance Provider	Location	FH	FC	Date
Airframe for A330 (S/N:)					
6 Year Check		Taiwan	18,098	7,718	07/Oct/2016
Engine (S/N:) Left					
LLP Replacement		Taiwan	19,491	7,176	20/Jun/2017
Engine (S/N:) Right					
LLP Replacement		Taiwan	20,938	7,482	19/May/2017
Main Landing Gear (S/N:) Left					
Overhaul	Safran Landing Systems SIN	SIN	49,362	8,402	29/May/2020
Main Landing Gear (S/N:) Right					
Overhaul	Safran Landing Systems SIN	SIN	49,362	8,402	29/May/2020
Nose Landing Gear (S/N:)					
Overhaul	Safran Landing Systems SIN	SIN	49,362	8,402	01/Jun/2020
APU (S/N:)					
Repair			18,506	16,187	02/Feb/2020
Repair		Taiwan	9,425	8,675	22/Jan/2016

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation: CF6-80E1A4

DoM: Nov/2010

Configuration Components

	Description	Manufacturer	Part Number	Remarks	QTY
Avionics					
2280	Flight Control Unit	Thales Avionics	C12849AB05	FCU	1
2280	Flight Management & Guidance System	Thales Avionics	Flight Management & Guidance System	Flight Management & Guidance System	2
2300	SATCOM	Rockwell Collins	822-0314-303	SATCOM	1
2310	HF Com Transceiver	Rockwell Collins	822-0330-020	HF-900	2
2310	VHF Com Transceiver (Incl. 8.33 & FM im)	Rockwell Collins	822-1047-030	VHF-900B	3
2320	Cockpit Voice Recorder	Honeywell	980-6022-001	CVR	1
2370	Cockpit Voice Recorder - Solid State	Honeywell	980-6022-001	30 Minutes	1
2560	ELT - Fixed - 121.5/243/406MHz	Thales Avionics	S1819502-02	Kannad 406 ATP	1
2560	ELT - Portable - 121.5/243/406MHz(FWD)		1152892-1M416		2
3130	Digital Flight Data Recorder - Solid St.	Honeywell	980-4700-042	25 Hr@256 Words/sec	1
3130	Flight Data Interface Management Unit	Teledyne	2234340-02-02		1
3130	TCAS	Honeywell	940-0351-005	TCAS	1
3410	ADIRU	Honeywell	HG2030AE24	ADIRU	3
3420	ISIS Indicator	Thales Avionics	C16221WB01		1
3430	MMR	Honeywell	066-50029-1161	MMR	2
3440	EGPWC Mark5	Honeywell	965-1676-003		1
3440	Radio Altimeter Transceiver		9599-607-19504		2
3440	Weather Radar Transceiver Incl. Pred WSH	Honeywell	066-50008-0409	RTA-4B	2
3450	ADF Receiver	Rockwell Collins	822-0299-020	Series 900	2
3450	ATC TRANSPONDER	Honeywell	066-01212-0102		2
3450	DME Interrogator	Rockwell Collins	822-0329-020	Series 900	2
3450	VOR Receiver (incl. FM immunity)	Rockwell Collins	822-0297-020	Series 900	2
4630	Air Traffic Services Unit	Airbus SAS	LA2T0G20705C070		1
Configuration					
2500	B/C Seat	Weber Aircraft	85570X-40X	Seats	18
2500	Y/C Seat	Sicma	2320XXX-XX	Seats	134

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation: CF6-80E1A4

DoM: Nov/2010

Description		Manufacturer	Part Number	Remarks	QTY
Configuration					
2510	Cockpit Seat - Capt.		TAAI3-03PE31-01		1
2510	Cockpit Seat - F/O		TAAI3-03CE21-01		1
2510	Fourth Occupant Seat - Cockpit	Sicma	1671220-00		1
2510	Third Occupant Seat	Stelia Aerospace	TAAI3-14IM20-01		1
2530	Galley 1		CIA7321-11		1
2530	Galley 1A		CIA7325-1		1
2530	Galley 2		CIA7340-11		1
2530	Galley 3		CIA7341-1		1
2530	Galley 5		CIA7353-11		1
2530	Galley 6		CIA7354-11		1

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation: CF6-80E1A4

DoM: Nov/2010

Engine LLP Snapshot

Engine PN:1457M90G01 [SN:]		Lowest Limiter:		Lowest Limiter:	
Current Engine Rating:	Standard	at 30/Nov/2018	5,582	at 30/Sep/2022	3,079
Current Thrust Level:	66,870 lbs	TSN:	23,465	TSN:	29,736
		CSN:	8,954	CSN:	11,457

Comment:

LLP Descriptor	LLP Part Number	LLP Serial Number	FC Remaining at 30/Nov/2018	Life Limit	FC Remaining at 30/Sep/2022
LPC - FAN FORWARD SHAFT	1855M52G01	TMTMA200	5,582	20,000	3,079
LPC - STAGE 1 DISK	1669M75P08	PA516871	11,046	20,000	8,543
LPC - STAGE 2-5 SPOOL	1782M10G02	VOLJ2886	11,046	20,000	8,543
HPC - CDP SEAL	1669M73P02	NCE082FR	11,046	20,000	8,543
HPC - STAGE 1 DISK	1644M21P04	BC980234	11,046	20,000	8,543
HPC - STAGE 10-14 SPOOL	1703M49G04	GWN09PJG	6,506	20,000	4,003
HPC - STAGE 2 DISK	9380M27P08	PA088974	11,046	20,000	8,543
HPC - STAGE 3-9 SPOOL	1856M15G02	VOLJ2758	10,740	20,000	8,237
HPT - DISK, STAGE 1	1863M36G06	TMT5TD25	13,222	15,000	10,719
HPT - DISK, STAGE 2	1778M72P05	MUNBF682	10,944	15,000	8,441
HPT - FORWARD OUTER SEAL	1778M70P03	NCU55083	13,222	15,000	10,719
HPT - ROTATING INTERSTAGE SEAL	1778M69P05	MUNPN625	12,590	15,000	10,087
LPT - REAR SHAFT	1778M39P08	RPM5DTFL	5,740	15,000	3,237
LPT - STAGE 1 DISK	1639M11P03	FIA09RAA	11,046	20,000	8,543
LPT - STAGE 2 DISK	1639M12P03	FIA0A1HA	11,046	20,000	8,543
LPT - STAGE 3 DISK	1639M13P03	FIA0A1HE	11,046	20,000	8,543
LPT - STAGE 4 DISK	1639M14P02	FIA090G8	11,046	20,000	8,543
LPT - STAGE 5 DISK	1639M15P03	FIA090HE	11,046	20,000	8,543
LPT - TORQUE CONE	1639M20P08	DD009073	11,046	20,000	8,543

The LLP Life remaining as listed in this report is valid and based on the latest loaded LLP Snapshot creation date and the limits as listed in the latest LLP Disk Sheet loaded in the Minsheng Financial Leasing CMS. It does not take into account any LLP Life Limit change after the creation date following an Engine Event such as a Shop Visit, change in Thrust Rating or revision of a LLP Limit in the Time Limits Manual introduced after the creation of the last LLP Disk Sheet provided. The estimated Flight Cycles remaining assumes that correct utilization is reported and populated and no Engine Event such as a Shop Visit, a change in Thrust Rating or a LLP Limit change has occurred between the date of the latest LLP Disk Sheet and the date of the last valid utilization loaded in the Minsheng Financial Leasing CMS.

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation:

CF6-80E1A4

DoM:

Nov/2010

Engine PN:1457M90G01 [SN:]**Lowest Limiter:****Lowest Limiter:****Current Engine Rating:****Standard****at 30/Nov/2018****4,525****at 30/Sep/2022****1,827****Current Thrust Level: 66,870 lbs****TSN:****25,398****TSN:****31,758****CSN:****9,446****CSN:****12,144****Comment:**

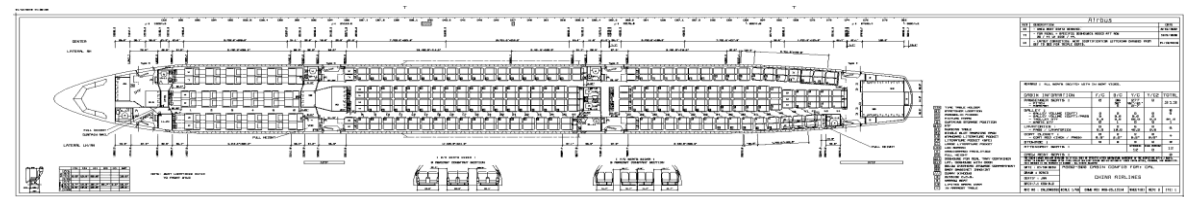
LLP Descriptor	LLP Part Number	LLP Serial Number	FC Remaining at 30/Nov/2018	Life Limit	FC Remaining at 30/Sep/2022
LPC - FAN FORWARD SHAFT	1855M52G01	TMTMA442	10,883	20,000	8,185
LPC - STAGE 1 DISK	1669M75P06	LA031660	10,719	20,000	8,021
LPC - STAGE 2-5 SPOOL	1782M10G02	VOLJ2747	10,554	20,000	7,856
HPC - CDP SEAL	1669M73P02	NCE089FT	10,554	20,000	7,856
HPC - STAGE 1 DISK	1644M21P04	FGDA1262	10,554	20,000	7,856
HPC - STAGE 10-14 SPOOL	1703M49G04	TMT4FH81	18,036	20,000	15,338
HPC - STAGE 2 DISK	9380M27P08	PA305275	10,554	20,000	7,856
HPC - STAGE 3-9 SPOOL	1856M15G02	VOLD1358	6,320	20,000	3,622
HPT - DISK, STAGE 1	1863M36G06	GWN05CNE	7,634	15,000	4,936
HPT - DISK, STAGE 2	1778M72P05	MUNBF625	8,964	15,000	6,266
HPT - FORWARD OUTER SEAL	1778M70P03	NCE7940N	4,525	15,000	1,827
HPT - ROTATING INTERSTAGE SEAL	2489M05P01	MUNPL678	7,594	15,000	4,896
LPT - REAR SHAFT	1778M39P08	RPM5JT2J	13,036	15,000	10,338
LPT - STAGE 1 DISK	1639M11P03	FIAAWHHT	10,554	20,000	7,856
LPT - STAGE 2 DISK	1639M12P03	FIA0A24J	10,554	20,000	7,856
LPT - STAGE 3 DISK	1639M13P03	FIA0A1HF	10,554	20,000	7,856
LPT - STAGE 4 DISK	1639M14P02	FIA090G3	10,554	20,000	7,856
LPT - STAGE 5 DISK	1639M15P03	FIA090HC	10,554	20,000	7,856
LPT - TORQUE CONE	1639M20P08	DD009070	10,554	20,000	7,856

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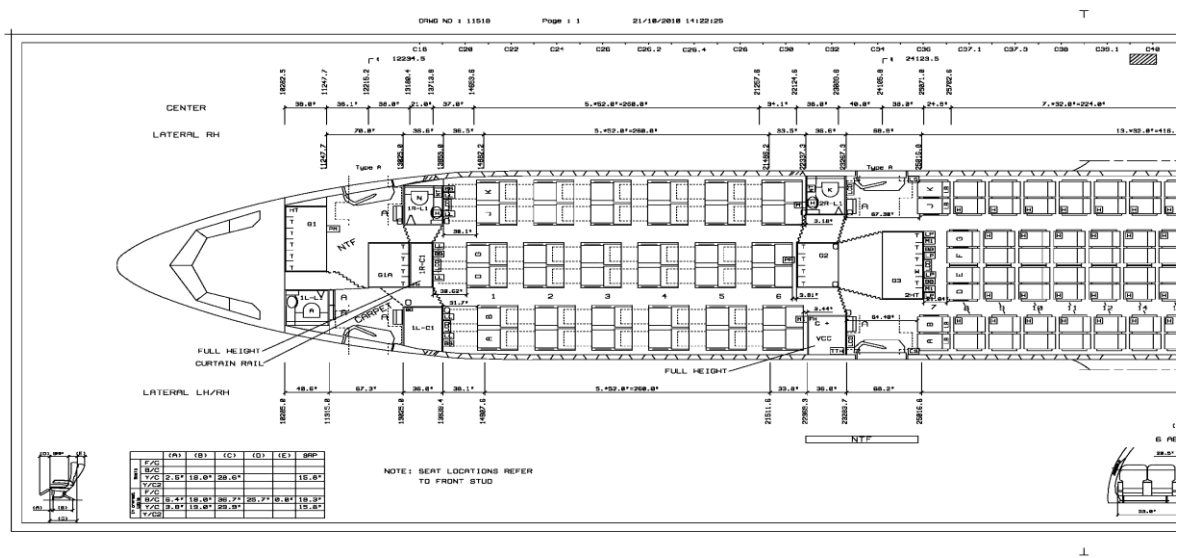
A/C Type: Airbus A330-300
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DoM: Nov/2010

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Engine Designation: CF6-80E1A4

Pictures



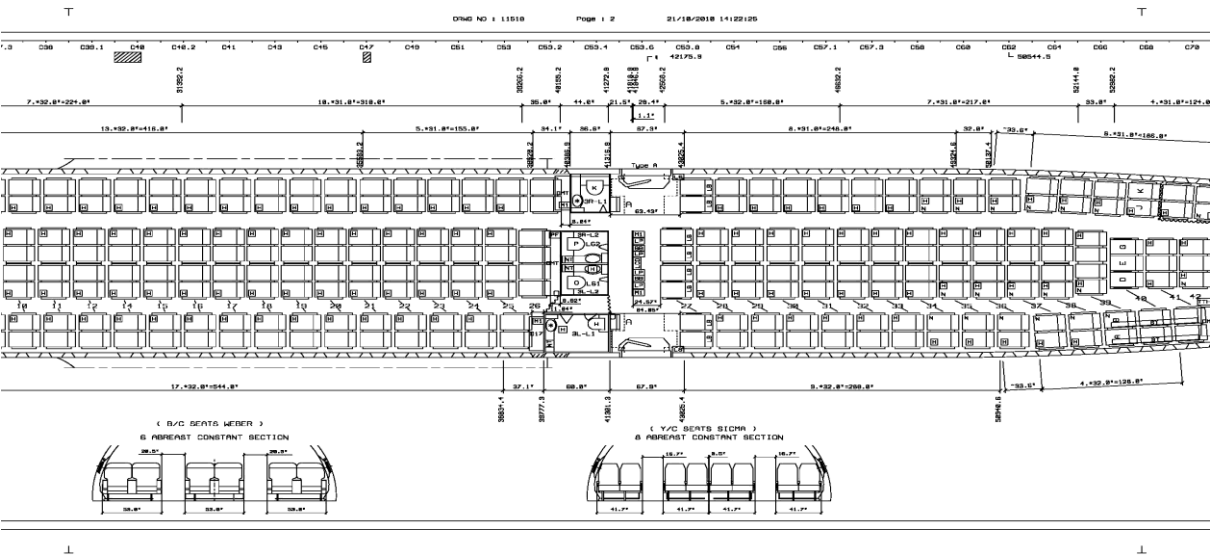
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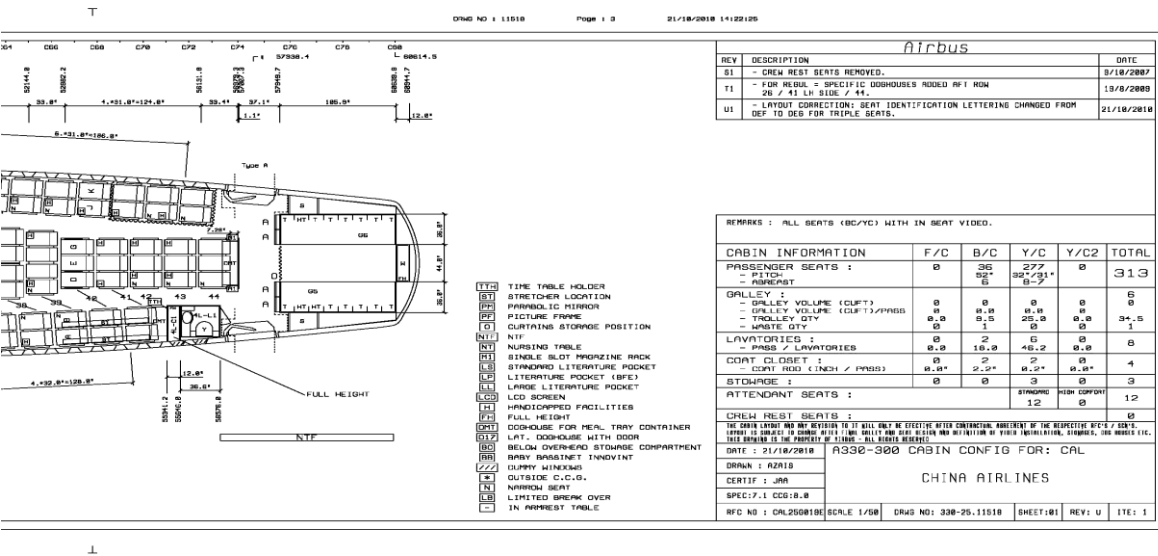
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A/C Type: Airbus A330-300
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Engine Designation: CF6-80E1A4



LOPA approval ??_3



LOPA approval ??_4

A/C Type: Airbus A330-300

Registration:

MSN:

Engine Designation: CF6-80E1A4

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