5th Paperless Aircraft Operations and RFID Conference
November 26-27th, 2018
Cranfield, UK

FLTECHNICS
YOUR RELIABLE MRO PARTNER

CONTINUING AIRWORTHINESS DATA MIGRATION

to Maintenance & Engineering Information System

YULIYA KORNYEVA
SENIOR PROJECT MANAGER

FLTECHNICS
YOUR RELIABLE MRO PARTNER

Part of Avia Solutions Group

- Over 20 subsidiaries and operations across 40 locations worldwide
- Certified staff of more than 400 instructors, engineers, and technicians

- 38 000 sq. m. of fully-equipped modern hangars
- Over 3000 professionals across the globe

- Representative offices in the USA, the UK, Poland, Estonia, Cyprus, Russia, Thailand and Indonesia

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- Global infrastructure
- 24/7 AOG support
- Hangars in Europe, China & Indonesia
- > 40 Line stations

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FL TECHNICS CAPABILITY

- BASE MAINTENANCE
- TECHNICAL TRAINING
- PARTS & MATERIALS
- LINE MAINTENANCE
- ENGINEERING & DESIGN
- ENGINE, APU & LG

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CAMO APPROVALS

European Aviation Safety Agency in compliance with
Part M Subpart G

Bermuda Department of Civil Aviation in accordance with
OTAR Part 39 Option 1 of Subpart E

Bailiwick of Guernsey CAMO Validation Certificate
GAR 39 Subpart E Option 1

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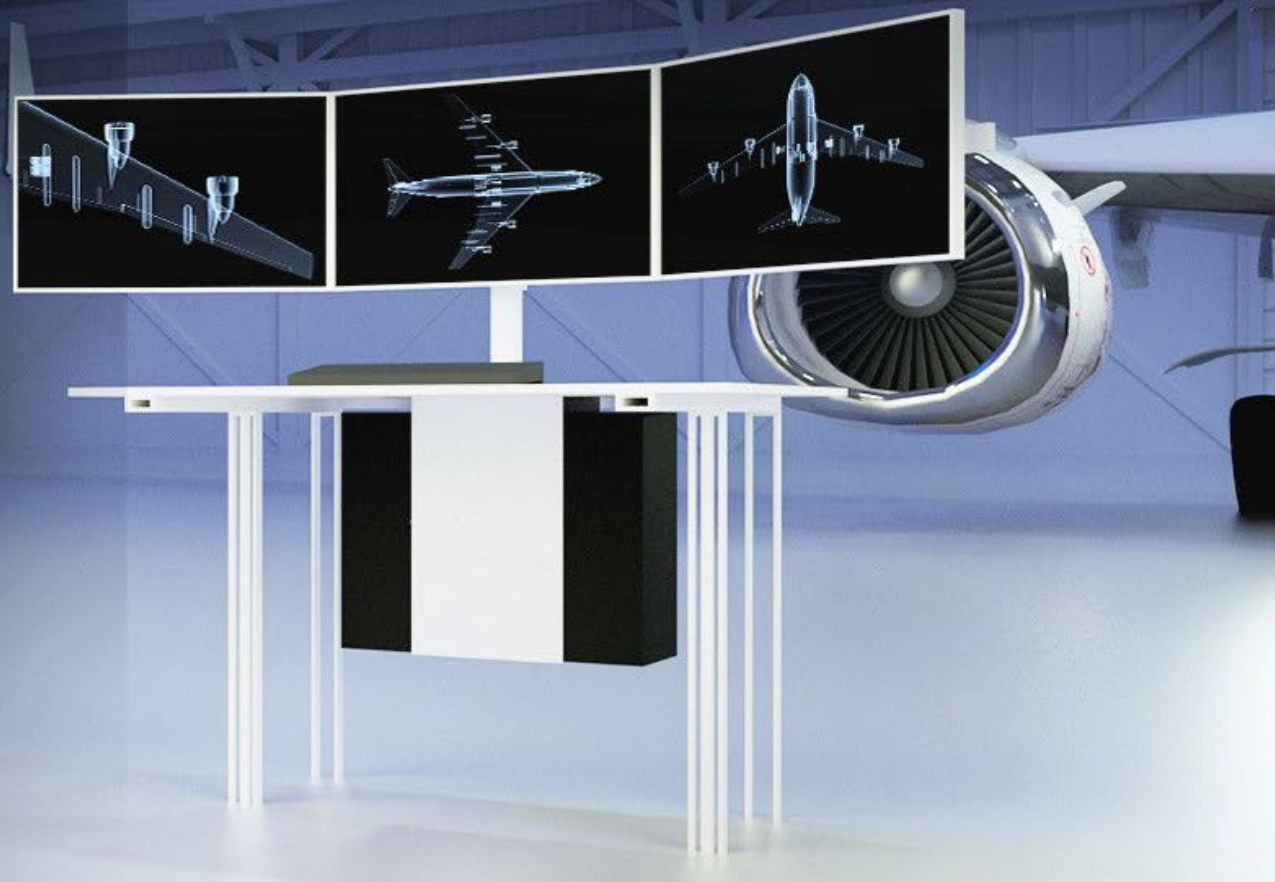
PARTNERSHIP WITH COMMSOFT

FL TECHNICS is active user of OASES M&E information system and official implementation partner of Commsoft

oases by Commsoft

- Commsoft founded in 1971
- 130 AC operations in 55 countries
- support offices in the UK, India and Australia



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OUR PROJECTS' LOCATIONS

FLTECHNICS
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AIRWORTHINESS DATA

OEM DATA

AUTHORITIES DATA

OPERATOR'S DATA

FLTECHNICS
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OEM DATA

- Configuration (AIR, ARL)
- Maintenance Planning Document (MPD)
- Airworthiness Limitation Section (ALS)

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OEM DATA. ARL

Aircraft Readiness Log

Model & Series
777 [redacted]

Airplane Identification
[redacted]

Page 9
Customer
[redacted]

Zone	Nomenclature	U/O Dwg	Part Number	Vendor Part/ Vendor Name	Qty	Serial Number	Location	SRC	ATA
AF	FLASHLIGHT	232W4220	P2-07-0001-214	P2-07-0001-214	2	N/SN		BFE	25
				DME CORP			F/O		
AF	#2 WINDOW								
AF	WIPER MOTO								
AF	WIPER MOTO								
AF	CAPTAINS S								

Aircraft Readiness Log

Pgm Id/Model #
737 [redacted]

Line Number: [redacted]
Airplane Identification
[redacted]

Page 3
Customer
[redacted]

Zone / MPD	Part Number / Part Description / Vendor Nam	Used On/Alt Authority	Miscellaneous Location
CA000 / 112	214C5Ø-2 / SWITCH-PRE / EATON AERO		
CC0102 / 117	21933-Ø1AC / CABIN PRES / NORD-MICRO		
CD0202 / 117	21933-Ø1AC / CABIN PRES / NORD-MICRO		
DE0012 / 131	22Ø64ØØ-2 / AIR CYCLE / HONEYWELL		

	A	B	C	D	E	F	G	H	I	
	Program ID	Line Number	Variable	Propulsion	Basic	Model Number	ARL Zone	MPD Zone	Part Description	Used
	737	3837	YH632	Y9988	Y4124	93Y	AA0001	211	GPS CLOCK	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0002	212	GPS CLOCK	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0003	211	ANNUNCIATOR-AUTOFLIGHT STATUS	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0004	212	ANNUNCIATOR-AUTOFLIGHT STATUS	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0005	211	DISPLAY UNIT	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0005	211	DISPLAY UNIT	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0005	211	DISPLAY UNIT	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0006	211	DISPLAY - FLAT PANEL	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0007	212	DISPLAY UNIT	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0007	212	DISPLAY UNIT	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0008	211	MODULE-LIGHTING CONTROL	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0009	211	MODULE-FLOODLIGHT CONTROL	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0010	211	MCDU-FMS	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0011	212	MCDU-FMS	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0012	211	INDICATOR-ISFD	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0013	211	INDICATOR-RMI	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0014	211	CONTROL PANEL-ENG/AUTOBRAKE	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0015	212	INDICATOR-FLAP POSITION	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0016	212	INDICATOR-BRAKE PRESSURE	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0017	212	MODULE-GROUND PROXIMITY SYSTEM TEST	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0018	212	MODULE-DISPLAY LIGHT CONTROL	233A
	737	3837	YH632	Y9988	Y4124	93Y	AA0019	211	CONTROL PANEL-EFIS	233A

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OEM DATA. AIR

EXPORT Equipment

1652 results

Type	MSN	Owner	ATA	Zone	FIN	Description	Vendor	Code	BFE	Part Numbe
A340		INTERNATIONAL LEASE FINANCE CORP	21	122	1HC	CIRCUIT BREAKER	CROUZET AUTOMATISME	FA0X2		84354335
A340		INTERNATIONAL LEASE FINANCE CORP	21	120	1HG1	CIRCUIT BREAKER	CROUZET AUTOMATISME	FA0X2		84354350
A340		INTERNATIONAL LEASE FINANCE CORP	21	120	1HG2	CIRCUIT BREAKER	CROUZET AUTOMATISME	FA0X2		84354350
A340		INTERNATIONAL LEASE FINANCE CORP	21	191	1HR	TURBOFAN SUPPLY VALVE	TECHNOFAN	F4957		VT0250A04
A340		INTERNATIONAL LEASE FINANCE CORP	21	122	2HQ	AEVC	INTERTECHNIQUE	F0553		785-611-2
A340		INTERNATIONAL LEASE FINANCE CORP	21	192	2HR	PRESSURE SWITCH	LE BOZEC FILTRATION ET SYSTEMI	F0218		1266-200
A340		INTERNATIONAL LEASE FINANCE CORP	21	121	5HQ	DETECTOR-COOLING EFFECT	TECHNOFAN	F4957		DV8902AA1
A340		INTERNATIONAL LEASE FINANCE CORP	21	134	7HQ	FAN-EXTRACT	TECHNOFAN	F4957		CE1909AA1
A340		INTERNATIONAL LEASE FINANCE CORP	21	134	11HQ	PRESSURE SWITCH	LE BOZEC FILTRATION ET SYSTEMI	F0218		1266-200
A340		INTERNATIONAL LEASE FINANCE CORP	21	133	12HQ	VALVE-AIR INBOARD	TECHNOFAN	F4957		VP1860C00
A340		INTERNATIONAL LEASE FINANCE CORP	21	133	13HQ	VALVE-AIR OVBD	TECHNOFAN	F4957		VF1620B00
A340		INTERNATIONAL LEASE FINANCE CORP	21	138	210HG	FAN,RECIRCULATION	AOA APPARATEBEAU GAUTING GM	D1227		VR4100-04
A340		INTERNATIONAL LEASE FINANCE CORP	21	137	211HG	FAN,RECIRCULATION	AOA APPARATEBEAU GAUTING GM	D1227		VR4100-04
A340		INTERNATIONAL LEASE FINANCE CORP	21	138	212HG	VALVE,RECIRCULATION	NORD-MICRO ELEKTRONIK FEINME	C0002		4063-18167-1
A340		INTERNATIONAL LEASE FINANCE CORP	21	137	213HG	VALVE,RECIRCULATION	NORD-MICRO ELEKTRONIK FEINME	C0002		4063-18167-1
A340		INTERNATIONAL LEASE FINANCE CORP	21	138	214HG	CLOGGING INDICATOR	LE BOZEC FILTRATION ET SYSTEMI	F0218		120D2
A340		INTERNATIONAL LEASE FINANCE CORP	21	137	215HG	CLOGGING INDICATOR	LE BOZEC FILTRATION ET SYSTEMI	F0218		120D2
A340		INTERNATIONAL LEASE FINANCE CORP	21	154	216HG	VALVE,ISOLATION	NORD-MICRO ELEKTRONIK FEINME	C0002		4063-16083
A340		INTERNATIONAL LEASE FINANCE CORP	21	171	231HU	FAN,EXTRACTION	AOA APPARATEBEAU GAUTING GM	D1227		VD3820-01
A340		INTERNATIONAL LEASE FINANCE CORP	21	132	232HU	SWITCH,DIFF.PRESSURE	IN-LHC GROUPE INTERTECHNIQUE	F1976		1218-100
A340		INTERNATIONAL LEASE FINANCE CORP	21	171	233HU	SWITCH,DIFF.-PRESSURE	WESTLAND-SITEC GMBH	C3406		F05A00
A340		INTERNATIONAL LEASE FINANCE CORP	21	151	240HU	FAN,EXTRACTION	AOA APPARATEBEAU GAUTING GM	D1227		VD3820-01
A340		INTERNATIONAL LEASE FINANCE CORP	21	131	250HU	FAN	TECHNOFAN	F4957		AE1410BA1
A340		INTERNATIONAL LEASE FINANCE CORP	21	121	280HN	CONTROLLER VENT	NORD-MICRO ELEKTRONIK FEINME	C0002		600623-70-602

AC CONFIGURATION IN M&E IS

Example #1. Different software – different format for ATA reference

ATA	Description	Partno	Serialno	Description	Pos.	Release no. / Label no.	Inst-Date	TSN	CSN
32-30	EXTENSION AND RETRACTION	D23215000-1	MN621	ASSISTER-FREE FALL, MLG	RH	0100297146 / 316086	14.May.2015	20998:10	307
				Requirement		**Taskcard**	**Interval**	**TSR**	**To go**
				LIFE LIMIT			70000/C	3'197	66'8
		D23215000-1	MN83	ASSISTER-FREE FALL, MLG	LH	- / 1059612	06.Nov.2013	UNKNOWN	272
				Requirement		**Taskcard**	**Interval**	**TSR**	**To go**
				LIFE LIMIT			70000/C	27'277	42'7
33-00	LIGHTS GENERAL	566-111	N/A-590	PHOTOLUMINESCENT TAPE	AIRCR AFT	- / 1145326	22.Jan.2018	03:28	
				Requirement		**Taskcard**	**Interval**	**TSR**	**To go**
				LIFE LIMIT			2920/D	-91	8y, 9

```
CDN   A.RCN   POS   NOUN     E SERIAL      SERIAL        DATE     CATI          A C C U M U
                                                                              HOURS CYCLE
---- ------- --- -------- - ------ -------------- ------- ------ ---- ------ -----

1    0325207 5   VALVE    3 003272 4063-18221      16OCT02   7851 NEW   63995  8666
N    0325207                        0217618                   972 OHAU  63995  8666
                                                                   REPA  63995  8666
                                                                   BENC  63995  8666
                                                                   INST  63995  8666

ATA: 21 28 56 MARK NUMBER: 289HN
-----------------------------------------------------------------------------------
 2   0346014 5   ACTUATOR 3 PS1412 RCNSPECS        16OCT02   7851 NEW   63995  8666
N    0346014                                                972 OHAU  63995  8666
                                                                   REPA  63995  8666
                                                                   BENC  63995  8666
                                                                   INST  63995  8666
```

ATA	Position	Zone	Part Number	Des				
21212201	001	2.10	645405-1	FAN - CABIN A				Landings
21311100	001	2.00	711003-3	VALVE OUTFLOW CABIN PRESSURE	111321	22Jan2012	065719	Days Hours Landings
21312101	001	2.05	763810-1	PRESSURE CONTROLLER	8311673	31Mar2017	128294	Days Hours Landings
21312501	001	1.02	711002-4	PANEL PRESSURE CONTROL	8712309	18Aug2010	061898	Days

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AC CONFIGURATION IN M&E IS

IMPORT FILES

E&M IS

OEM DATA. MPD

Program based on MPD item number, but not on TC number

BOEING

737-600/700/800/900/900ER Maintenance Planning Document

TASKS SORTED BY MPD ITEM NUMBER

MPD ITEM NUMBER	MRB ITEM NUMBER	TASK CARD NUMBER	RELATED TASK CARD NUMBER	TASK	TASK TITLE
20-040-02	20-040-02	20-040-02-01		FUNCTIONAL	HIRF/L Sensitive Connectors Outside the Pressure Vessel - Right
20-040-04	20-040-04	20-040-04-01		FUNCTIONAL	L/HIRF Protection Components Outside the Pressure Vessel - Vertical Stabilizer
20-040-05	20-040-05	20-040-05-01 20-040-05-02		FUNCTIONAL	Lightning/HIRF Protection Components - Wing to Body Fairing
20-040-06	20-040-06	20-040-06-01 20-040-06-02			
20-050-00	20-050-00	20-050-00-01			
20-060-00	20-060-00	20-060-00-01			
20-070-00	20-070-00	20-070-00-01			
20-100-00	20-100-00	20-100-00-01			
20-110-01	20-110-01	20-110-01-01			

BOEING

737-600/700/800/900/900ER Maintenance Planning Document

SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM

MPD ITEM NUMBER	AMM REFERENCE	CAT	TASK	INTERVAL THRES.	INTERVAL REPEAT	ZONE	ACCESS	APPLICABILITY APL	APPLICABILITY ENG	MAN-HOURS	TASK DESCRIPTION
20-320-00	05-42-01-211 20-60-03-100		DET	18000 FC 6 YR NOTE	18000 FC 6 YR NOTE	117 118	117A 121JW 121KW 121LW 122HW NOTE	ALL	ALL	0.50	Inspect (Detailed) the IDG, APU starter/generator, battery, and external power feeder wiring and connected EWIS. (EZAP) INTERVAL NOTE: Whichever comes first. ACCESS NOTE: Access through panels 121JW, 121KW, 121LW and 122HW is from Forward Cargo Compartment.
20-325-00	05-42-01-210 20-60-04-100		GVI	18000 FC 6 YR NOTE	18000 FC 6 YR NOTE	117 118	117A 121JW 121KW 121LW 122HW NOTE	ALL	ALL	1.50	Inspect (General Visual) all exposed EWIS in the Electrical and Electronics Compartment excluding the IDG, APU starter/generator, battery, and external power feeder wiring and connected EWIS. (EZAP) INTERVAL NOTE: Whichever comes first. ACCESS NOTE: Access through panels 121JW, 121KW, 121LW and 122HW is from Forward Cargo Compartment.
20-330-00	05-42-01-100 20-60-02-100		RST	18000 FC 6 YR NOTE	18000 FC 6 YR NOTE	121 122	NOTE	ALL	ALL	0.50	Restore (Clean) areas behind ceiling and sidewalls in the Forward Cargo Compartment. (EZAP) INTERVAL NOTE: Whichever comes first.

OEM DATA. MPD

No single unit for calendar intervals: YR/YE, MO, DY ….

AIRBUS A320 FAMILY

A320 FAMILY
MAINTENANCE PLANNING DOCUMENT

REV CODE	SECTION	TASK NUMBER	SOURCE TASK REFERENCE	ZONE	DESCRIPTION		SKILL CODE	TASK CODE	SAMPLE THRESHOLD	SAMPLE INTERVAL	100% THRESHOLD	100% INTERVAL
						ACCESS	AF	DET	10 YE OR 48000 FC OR 60000 FH	10 YE OR 11800 FC OR 20200 FH	10 YE	10 YE
							AF	DET	12 YE	12 YE	24 YE	12 YE
							AF	DET	12 YE	12 YE	24 YE	12 YE
						LOWER RACK	AF	DET	12 YE	12 YE	24 YE	12 YE
							AF	DET	12 YE	12 YE	24 YE	12 YE

BOEING

737-600/700/800/900/900ER Maintenance Planning Document

SYSTEMS AND POWERPLANT MAINTENANCE PROGRAM

MPD ITEM NUMBER	AMM REFERENCE	CAT	TASK	INTERVAL THRES.	INTERVAL REPEAT	ZONE	ACCESS	APPLICABILITY APL	APPLICABILITY ENG	MAN-HOURS	TASK DESCRIPTION
20-320-00	05-42-01-211 20-60-03-100		DET	18000 FC 6 YR NOTE	18000 FC 6 YR NOTE	117 118	117A 121JW 121KW 121LW 122HW NOTE	ALL	ALL	0.50	Inspect (Detailed) the IDG, APU starter/generator, battery, and external power feeder wiring and connected EWIS. (EZAP) INTERVAL NOTE: Whichever comes first. ACCESS NOTE: Access through panels 121JW, 121KW, 121LW and 122HW is from Forward Cargo Compartment.
20-325-00	05-42-01-210 20-60-04-100		GVI	18000 FC 6 YR NOTE	18000 FC 6 YR NOTE	117 118	117A 121JW 121KW 121LW 122HW NOTE	ALL	ALL	1.50	Inspect (General Visual) all exposed EWIS in the Electrical and Electronics Compartment excluding the IDG, APU starter/generator, battery, and external power feeder wiring and connected EWIS. (EZAP) INTERVAL NOTE: Whichever comes first. ACCESS NOTE: Access through panels 121JW, 121KW, 121LW and 122HW is from Forward Cargo Compartment.
20-330-00	05-42-01-100 20-60-02-100		RST	18000 FC 6 YR NOTE	18000 FC 6 YR NOTE	121 122	NOTE	ALL	ALL	0.50	Restore (Clean) areas behind ceiling and sidewalls in the Forward Cargo Compartment. (EZAP) INTERVAL NOTE: Whichever comes first. ACCESS NOTE: Ceiling and sidewall panels removal required.
20-335-00	05-42-01-210 20-60-04-100		GVI	18000 FC 6 YR NOTE	18000 FC 6 YR NOTE	121 122	NOTE	ALL	ALL	0.50	Inspect (General Visual) all exposed EWIS in the Forward Cargo Compartment. (EZAP) INTERVAL NOTE: Whichever comes first.

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MAINTENANCE PROGRAM IN M&E IS

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AUTHORITIES DATA

- Airworthiness Directives

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EASA SAFETY PUBLICATION TOOL

EASA
European Aviation Safety Agency

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To:

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Your current filter:

AIRBUS
A340

Edit filter

List of publication
Displaying records 1 ... total of 537 publications.

Number	Issued by	Issue date	Subject	Approval Holder / Type Designatio
2018-0249		2018-11-16	Wings – Centre Wing Box Fastener Holes at Frame 40 Vertical Web – Inspection / Modification	AIRBUS A330 A340
2018-0226		2018-10-22	Stabilizers - Horizontal Stabilizer Centre Box Top Skin – Inspection / Repair	AIRBUS A330 A340
2018-0224		2018-10-19	Exhaust – Thrust Reverser Outer Fixed Structure – Inspection / Replacement	AIRBUS A340
2016-0035R1		2018-09-21	Fuselage – Structure Frames and Joints – Modification / Reinforcement	AIRBUS A340
2017-0195R1		2018-09-12	Exhaust – Thrust Reverser Outer Fixed Structure – Inspection / Replacement	AIRBUS A340
2018-0201		2018-09-07	Fuel – Fuel Control and Monitoring Computer – Software Update	AIRBUS A340

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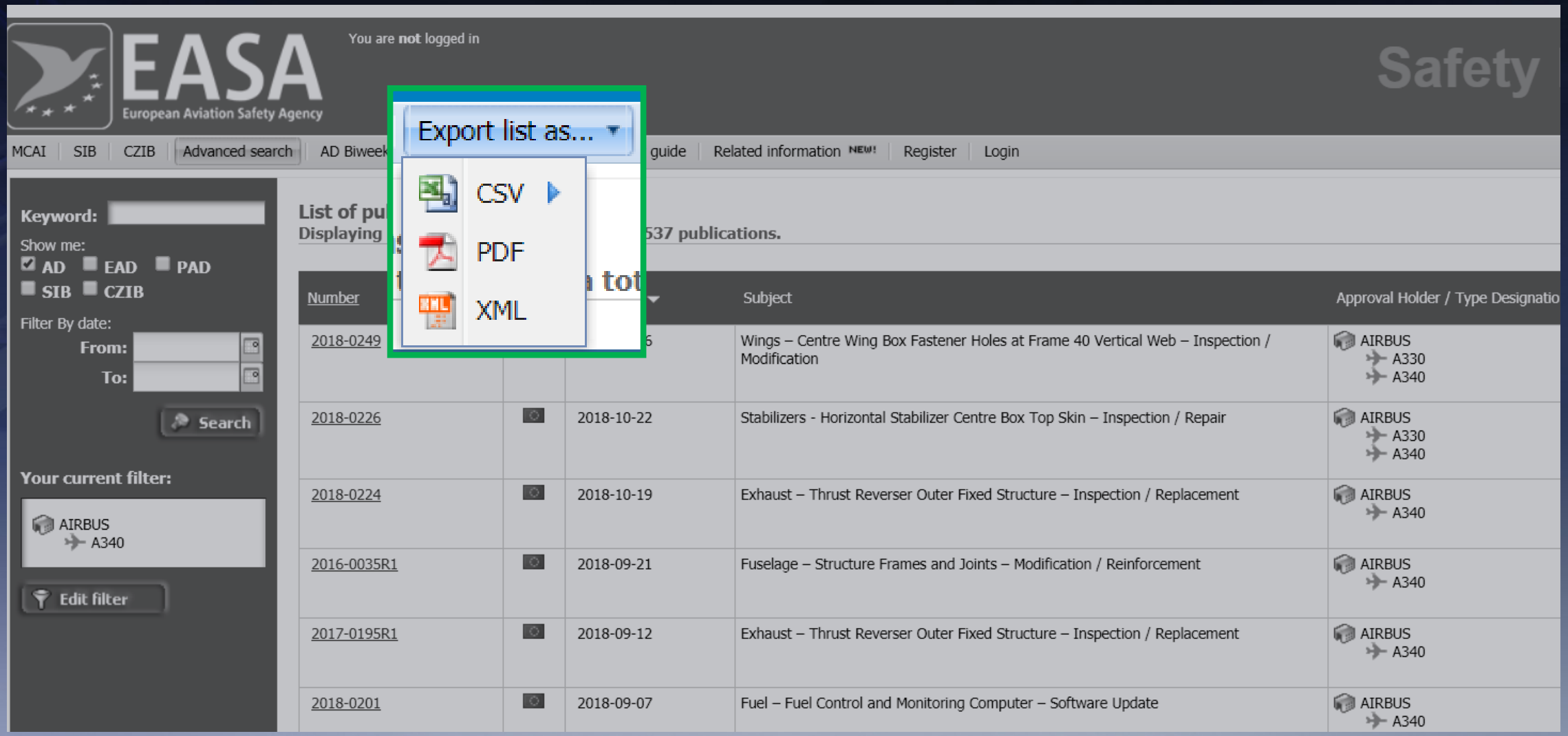

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FAA AD DATA BASE

Federal Aviation Administration

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  - Historical ADs
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Airworthiness Directives

This database provides all FAA Airworthiness Directives (ADs) that are still in effect, and many ADs that are no longer in effect (historical). You can search for ADs, or view them listed by AD Number or Make/Model, where the Make is the Type Certificate Holder. To ensure you get accurate results when looking for applicable ADs on a particular aircraft model, also search for the installed engine, propeller, and appliances.

Appliance ADs

Click here to view a non-categorized list of all current Appliance ADs.

Full Electronic Distribution of ADs

We no longer use postal mail to notify the public of new ADs. Notification is now only via an email subscription service through GovDelivery. Click here to subscribe (or modify your subscription) to receive ADs and SAIBs for your type-certificated products. (Help)

Exception: We will continue to distribute Emergency ADs using postal mail for the foreseeable future.

For those desiring paper copies, we provide the AD Biweekly, which is a two-year, paid subscription of all ADs issued in the Federal Register over 2-week periods. The AD Biweekly is printed and mailed by the Government Printing Office (GPO) and does not include SAIBs. Contact the GPO directly at phone: (202) 512–1806 to subscribe.

Microsoft Access Database

We provide a MS Access database containing data, but not the documents themselves, from all ADs in our system. We update it near the beginning of every month.

Download AD.accdc | AD.zip, updated November 6, 2018. The database is created with Microsoft Access 2016. If you have problems with the digitally signed package (AD.accdc) please try the zip file. For questions, contact rgl@faa.gov.

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AD STATUS IN M&E IS

Example #3. Same AD - different number of paragraphs

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2017-0237-EASA	ATA 27 - Flights Controls - Trimmable Horizontal Stabilizer Actuator - Inspection	18Dec2017	27	Mandates: AOT-A27N010-17-AIRBUS SB-A320-27-1248-AIRBUS SB-A320-27-1245-AIRBUS SB-A320-27-1164-AIRBUS SB-A320-27-1247-AIRBUS Supersedes: AD-2014-0147-EASA

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
1	Inspection of the lower THSA attachment	274451-10-1 THS ACTUATOR. DETAILED INSPECT	Y	Date Days (Calendar)	07Apr2018 3524		608	First	06Dec2019	380
2	Inspection of the upper									
5	Detailed inspection of th attachment IAW AOT A2									
7	Concurrently with or bef required by paragraph (the aeroplane IAW SB A									
8	Concurrently with or bef required by paragraph (the aeroplane IAW SB A									
9	Activate the ELSD of the aeroplane IAW SB A320-									

EU AD	FAA AD	MEANS OF COMPL OR EQUIVALENT MEANS	SUBJECT	EFFECTIVE DATE	METHOD OF COMPLIANCE	APPL	REPETITION INTERVAL		LAST ACCOMPLISHMENT DATE	HOUR	CYCL	WO	NEXT DUE	REMAINING	STATUS	REMARKS
2017-0231		Airbus A318/A319/A320/ A321 ALS Part 2 SB A320-53-1339	Time Limits / Maintenance Checks – Airworthiness Limitations Section Part 2 – Damage Tolerant Airworthiness Limitation Items		Implementations	A			11-Sep-17						CLOSED	SUPERSEDES EASA AD 2012-0008 AND 2014-0141. ALS Part 2 Revision 06 dated 10 April 2017 already incorporated in AMP Issue 02 Rev 04 dated 11 September 2017.
2017-0237		SB A320-27-1164 SB A320-27-1245 SB A320-27-1247 SB A320-27-1248 AOT 27N010-17	Flights Controls – Trimmable Horizontal Stabilizer Actuator	8-Dec-17	Inspection	A			07-Feb-18	28,503	12,287			D	CLOSED	Detailed inspection of the THSA lower attachment in accordance with the instructions of Airbus AOT A27N010-17
					Inspection	A	300	D	7-Apr-18	28,624	12,351	STAE 18048807	1-Feb-19	281 D	REPETITIVE	Inspection i.a.w SB A320-27-1164 R06 REF. STAE REDELIVERY CHECK WORKCARD 274451-11-1 / 76 Supersedes EASA AD 2014-0147
					Inspection	A	600	D	7-Apr-18	28,624	12,351	STAE 18048807	28-Nov-19	581 D	REPETITIVE	Inspection i.a.w SB A320-27-1164 R06 REF. STAE REDELIVERY CHECK WORKCARD 274451-10-1 / 75 Supersedes EASA AD 2014-0147
					Modification	A							8-Dec-21	1322 D	OPEN	Activate the ELSD of the THSA on the aeroplane in accordance with the instructions of Airbus SB A320-27-1248
2017-0251		AOT A71N001-12	Aft Engine Mounts Retainers	29-Dec-17	Inspection /	N/A									N/A	Not applicable by aircraft

FLTECHNICS
YOUR RELIABLE MRO PARTNER

AD STATUS IN M&E IS

Example #4. Same AD, same MIS - different number of paragraphs

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2017-25-12-FAA	FUSELAGE- FRAMES AND BULKHEADS - BODY STATIONS 685, 695, AND 706 - STUB BEAM WEB INSPECTION AND REPAIR	22Jan2018	53	Mandates: SB-737-53A1364-BOEING

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
(h1,2,3)	(h1) Do PART 2: HIGH FREQUENCY EDDY CURRENT (HFEC) AND DETAILED INSPECTIONS OF THE STA 685 AND STA 706 STUB BEAM WEBS for any crack (h2) Do PART 3: GENERAL VISUAL INSPECTION OF THE STA 685 AND STA 706 STUB BEAM WEBS for any existing repair (h3) Do PART 6: HIGH FREQUENCY EDDY CURRENT (HFEC) AND DETAILED INSPECTIONS OF THE STA 695 STUB BEAM WEB for any crack.	SB737-53A1364-01 Part 2, 3, 6 of SB Part 2 Part 3 Part 6	N	Date Days (Calendar) Hours Landings			E/D+6000	First	28902	5721

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2017-25-12-FAA	This AD was prompted by reports of cracking in the webs of the stub beams at certain fuselage stations. These cracks are a result of fatigue caused by cyclical loading from pressurization, wing loads, and landing loads. We are issuing this AD to detect and correct cracking in the webs of the stub beams at certain fuselage stations, which, if not corrected, could result in the loss of structural integrity of the airframe during flight, collapse of the main landing gear, and failure of the pressure deck.	22Jan2018	53	Mandates: SB-737-53A1364-BOE

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
(g)	Required Actions for Group 1 Airplanes			N/A by Configuration						
(h)	- HFEC AND DETAILED INSPECTIONS OF THE STA 685 AND STA 706 STUB BEAM WEBS for any crack; - GENERAL VISUAL INSPECTION OF THE STA 685 AND STA 706 STUB BEAM WEBS for any existing repair; - HFEC INSPECTION OF THE CRITICAL FASTENER ROW IN STUB BEAM WEB COMMON TO THE STRUCTURAL FILLER for any crack; - HFEC AND DETAILED INSPECTIONS OF THE STA 695 STUB BEAM WEB for any crack.		N	Date Days (Calendar) Hours Landings			E/D+6000	First	46042	4891
			Y	Date Days (Calendar) Hours Landings			9000	First	55042	13891

AD STATUS IN M&E IS

Example #4. Same AD, same MIS - different number of paragraphs

FLTECHNICS
YOUR RELIABLE MRO PARTNER

Operator's Data

- Flight History
- HT components status
- ENG/EPU/LG LLP
- OC/CM components status
- Avionics, software list
- AD status
- Tasks accomplishment - LD
- etc

OPERATOR'S DATA. FLIGHT HISTORY

Example #5. Impossible to transfer directly to M&E IS

April 5, 2017

MSN[redacted] Flying Time Table

Registration	Date - UTC	A/C FH	A/C FC
F-[redacted]	30/03/2017 13:35	72075:13	9676
F-	26/02/2017 09:24	72074:09	9675
F-	25/02/2017 23:33	72067:08	9674
F-	25/02/2017 06:53	72058:31	9673
F-	24/02/2017 23:07	72052:24	9672
F-	24/02/2017 19:55	72051:12	9671
F-	23/02/2017 14:51	72046:08	9670
F-	23/02/2017 02:45	72037:36	9669
F-	22/02/2017 13:25	72027:18	9668
F-	22/02/2017 02:20	72018:40	9667
F-	20/02/2017 07:20	72008:31	9666
F-	19/02/2017 23:03	72002:33	9665
F-	19/02/2017 19:58	72001:20	9664
F-	19/02/2017 09:48	71996:04	9663
F-	19/02/2017 00:23	71988:48	9662

			Take-off		Landing				
Date	From	To	hour	minute	hour	minute	Flight Hou	Flight Cycl	Total h
			AIRBUS TEST FLIGHTS				5.92	4	
16-Apr-09	XFW	DUS	17	32	18	11	0.65	1	
17-Apr-09	DUS	LPA	6	7	10	13	4.10	1	
17-Apr-09	LPA	DUS	11	19	15	25	4.10	1	
17-Apr-09	DUS	SCN	16	17	16	48	0.52	1	
18-Apr-09	SCN	FUE	4	2	7	55	3.88	1	
18-Apr-09	FUE	TFS	8	43	9	17	0.57	1	
18-Apr-09	TFS	SCN	10	24	14	34	4.17	1	
19-Apr-09	SCN	ACE	4	0	7	43	3.72	1	
19-Apr-09	ACE	LPA	8	35	9	9	0.57	1	
19-Apr-09	LPA	SCN	10	21	14	24	4.05	1	
19-Apr-09	SCN	VIE	18	19	19	40	1.35	1	
19-Apr-09	VIE	CWL	20	47	22	45	1.97	1	
20-Apr-09	CWL	LNZ	1	59	3	59	2.00	1	
20-Apr-09	LNZ	LIS	5	16	8	3	2.78	1	
20-Apr-09	LIS	SZG	9	12	11	56	2.73	1	
20-Apr-09	SZG	LNZ	12	38	12	52	0.23	1	
20-Apr-09	LNZ	LIS	13	59	16	54	2.92	1	
20-Apr-09	LIS	LNZ	18	3	20	51	2.80	1	
21-Apr-09	LNZ	LIS	4	52	7	46	2.90	1	
21-Apr-09	LIS	FNC	8	34	9	59	1.42	1	
21-Apr-09	FNC	GRZ	10	53	15	5	4.20	1	
21-Apr-09	GRZ	LNZ	16	12	16	39	0.45	1	

FLTECHNICS
YOUR RELIABLE MRO PARTNER

OPERATOR'S DATA. OCCM

Example #6. What was components and AC TSN/CSN at installation?

DATE : JUL/20/2015
FH: 33524.05
FC: 13030

B-16302 (MSN[redacted]) OCCM LIST

[redacted]

ATA	Zone	FIN	DESCRIPTION	PART NUMBER	SERIAL NUMBER	INSTALLED DATE	CERTS	RECORD	REMARK	TSN	CSN
21	138	646HK	SENSOR,TEMP.	764A0000-03	14563	4-Jul-03				33,524	13,030
21	133	647HK	SENSOR,TEMP.	764A0000-03	14583	4-Jul-03				33,524	13,030
21	137	648HK	SENSOR,TEMP.	764A0000-03	14547	4-Jul-03				33,524	13,030
21	162	432HC	SENSOR,TEMP.	773A0000-01	12758	4-Jul-03				33,524	13,030
21	210	650HK	SENSOR,TEMP.	773A0000-01	11064	4-Jul-03				33,524	13,030
21	234	651HK	SENSOR,TEMP.	773A0000-01	13019	4-Jul-03				33,524	13,030
21	254	653HK	SENSOR,TEMP.	773A0000-01	12915	4-Jul-03				33,524	13,030
21	254	654HK	SENSOR,TEMP.	773A0000-01	13052	4-Jul-03				33,524	13,030
21	264	655HK	SENSOR,TEMP.	773A0000-01	12607	4-Jul-03				33,524	13,030
21	264	656HK	SENSOR,TEMP.	773A0000-01	13056	4-Jul-03				33,524	13,030
21	211	430HC	SELECTOR,TEMP.	777A0000-01	8864	4-Jul-03				33,524	13,030
21	210	670HK	SELECTOR,TEMP.	777A0000-01	8844	4-Jul-03				33,524	13,030
21	210	671HK	SELECTOR,TEMP.	777A0000-01	8796	4-Jul-03				33,524	13,030
21	191	5531HB	INJECTOR,WATER	1091A0000-01	4739	4-Jul-03				33,524	13,030
21	192	5532HB	INJECTOR,WATER	1091A0000-01	11228	8-Dec-10	V	V	Over 3 Years	11,470	4,641
21	191	535HH	ACTUATOR,RAM A.OUTLET	976A0000-02	01644	25-Jul-12	V	V	WITHIN 36 MONTHS	UNK	UNK
21	192	536HH	ACTUATOR,RAM A.OUTLET	976A0000-02	01634	2-Nov-03	V	V	Over 3 Years	UNK	UNK
21	191	539HH	SENSOR,BLEED TEMP	9105A0005-01	2691	4-Jul-03				33,524	13,030
21	192	540HH	SENSOR,BLEED TEMP	9105A0005-01	2690	4-Jul-03				33,524	13,030
21	191	537HH	SENSOR,PRESSURE	9104A0005-01	00907	27-Mar-07	V	V	Over 3 Years	UNK	UNK
21	192	538HH	SENSOR,PRESSURE	9104A0005-01	934	4-Jul-03				33,524	13,030
21	191	513HB	SENSOR	9106A0003-02	00941	24-Nov-14	V	V	WITHIN 36 MONTHS	1,252	530
21	192	514HB	SENSOR	9106A0003-01	03112	28-Apr-10	V	V	Over 3 Years	12,922	5,352
21	191	533HH	ACTUATOR,RAM AIR INL	975A0000-03	1579	4-Jul-03				33,524	13,030

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OPERATOR'S DATA. OCCM

Example #7. Redundant information

Components >> OC/CM Components

A/C-Current [redacted] AC-Model: Current Aircraft A319-111 MSN: Current Aircraft [redacted]

Date: [redacted] Cycles: [redacted]

????

ATA	PART NUMBER	SERIAL NUMBER	Description	installed_position	installed_date	actual_hours	actual_cycles	installed_hour	installed_minute	ac_hours	ac_cycles
21	3957A0000-02	3957-03497	ISOL VALVE (LHT)	111HW ONLY	26/09/2013	16411.49	8033	9	0	25276	12469
21	746A0000-06	01782	VALVE, TRIM AIR PRESSURE (LHT)	14HK ONLY	04/08/2018	32624.53	19043	23	00	41683.36	20498
21	1312B0000-01	1312B00LI001850	VALVE-BYPASS (LHT)	30HH RT	12/01/2009	38976.47	19118	16	39	9482	4674
21	1312B0000-01	1312-13046	VALVE-BYPASS (LHT)	10HH LT	05/08/2018	19895.53	9005	07	00	41683.36	20498
21	1803B0000-02	1803B00LI002144	CONTROLLER, AIR CONDITIONING SYSTEM (LHT)	47HH LT	16/03/2017	18356.47	8799	6	0	37859	18668
21	1803B0000-02	1803B00LI000425	CONTROLLER, AIR CONDITIONING SYSTEM (LHT)	57HH RT	29/03/2009	43364.53	20388	5	0	10222	5052
21	9105A0005-01	14536	SENSOR-BLEED TEMPERATURE (LHT)	32HH RT	02/10/2017	29085.42	17861	3	0	39833	19621
21	1809A0000-01	1809A00IN001118	ACTUATOR, INLET (LHT)	28HH RT	12/06/2006	41688.29	20502	0	0	0	0
21	1809A0000-01	1809A00IN003020	ACTUATOR, INLET	8HH LT	28/01/2016	24210.13	16933	3	15	33777	16797

OPERATOR'S DATA. HT

Example #8. Accomplishment in AC FH/FC

		Component						Interval			Last Done		
ATA	Position	Part-Number	Serial-Number	Description	Task Number	Task	**Date of Inst**	DY	FH	FC	DY	FH	FC
21	LH	753C0000-02	0753C00ES008477	PRIMARY HEAT EXCHANGER	215200-01-1	CLEANING	23-Oct-17	2400	12000	-	27/09/2017	13,218	6679
21	RH	753C0000-02	0753C00ES008468	PRIMARY HEAT EXCHANGER	215200-01-1	CLEANING	23-Oct-17	2400	12000	-	21/09/2017	13,218	6679
21	LH	754C0000-01	81212-53306	MAIN HEAT EXCHANGER	215200-01-1	CLEANING	24-Oct-17	2400	12000	-	21-Sep-17	13,218	6679
21	RH	754C0000-01	81212-53337	MAIN HEAT EXCHANGER	215200-01-1	CLEANING	24-Oct-17	2400	12000	-	27-Sep-17	13,218	6679
21	6HL	9024-15704-03	08115046	PRESS CONTROL SAFETY VALVE	213100-08-1	RESTORATION	25-Apr-15	6300	50000	-	16-Jan-15	12,617	6,415
21	7HL	9024-15704-03	09115407	PRESS CONTROL SAFETY VALVE	213100-08-1	RESTORATION	25-Apr-15	6300	50000	-	27-Feb-15	12,617	6,415
21	LH	756A0000-06	0756A00ES008941	CONDENSER PACK AIR CONDITIONING	215200-04-1	LEAK CHECK	24-Oct-17	3650	18000	-	19-Sep-17	13,218	6679
21	RH	756A0000-06	0756A00ES008920	CONDENSER PACK AIR CONDITIONING	215200-04-1	LEAK CHECK	23-Oct-17	3650	18000	-	6-Oct-17	13,218	6679
21	LH	755C0000-01	81210-53825	REHEATER PACK AIR COND	215200-02-2	CLEANING	25-Oct-17	2400	12000	-	23-Aug-17	13,218	6679
21	RH	755C0000-01	81210-53839	REHEATER PACK AIR COND	215200-02-2	CLEANING	25-Oct-17	2400	12000	-	23-Aug-17	13,218	6679
23	CVR	ELP-362D90	71399	ULB CVR	237135-01-1	DISCARD	15-Mar-15	2555	-	-	26-Feb-15	-	-
24	#2	2758	201703363	BATTERY	243851-02-1	RESTORE	4-May-18	-	1000	-	2-May-18	13,223	6681
					243851-02-1	CAPACITY		180	2000		2-May-18	13,223	6681

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YOUR RELIABLE MRO PARTNER

OCCM & HT COMPONENTS IN M&E IS

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OPERATOR'S DATA. LG LLP

Example #9. LG components data is in 2 different statuses – HT and LLP

Assemblies >> Gear LLPs >> [redacted]

Part No.: 201582002-030
Serial No.: [redacted]
TSN: 42859:31
Technical Data & Information :

Install Date: 20-05-2016
A/C Pos: N947FR#RHMLG/WLG
Notes :

Status at: 11-09-2018
CSN: 20061
Statement :

DESCRIPTION	PART NO.	SERIAL NO.	POSITION	INSTALL DATE	LIFE LIMIT	LIFE LIMIT (CYC)	TSN	CSN	REMAINING	REMAINING
PIN, LOCK STAY CARDAN	201056909	06BEV76023X009	MLG RT							
PIN, LOCK LINK, LOWER	201057627	AP007405	MLG RT							
LOCK STAY, CARDAN-SUB ASSY COMPLETE	201058206	COU36436-4166	MLG RT							
PIN, LOCK LINK CENTER	201058608	AP030805	MLG RT							
PIN, LOCK LINK UPPER	201058611	AP028805	MLG RT							
PIN, TORQUE LINK, SLIDING TUBE (LWR)	201160602	06MDG3080	MLG RT							
PIN, TORQUE LINK, MAIN FITTING (UPPR)	201160603	06MDG3083	MLG RT							
PIN, STAY SIDE, PIVOT	201163609	AP008905	MLG RT							

Components >> Hard Time Components >> Aircraft

A/C-Reg: [redacted]
AC-Model: A319-111
MSN: [redacted]

Current Aircraft Hours: 41
Current Aircraft Date: 11-09-2018
Current Aircraft Cycles: 20502

MPD	ATA NO.	PART NUMBER	SERIAL NUMBER	DESCRIPTION	POS.	INSTALL DATE	TSN	TSO	CSN
292000-11-1	29	764711B	2386	ACTUATOR-RAM AIR TURBINE (LHT)	1GE ONLY	12/06/2006	41688.29	41688.29	20502
292000-11-1	29	766352A	2205	RAM AIR TURBINE (LHT)	2GE ONLY	12/06/2006	41688.29	41688.29	20502
313300-01-1	31	980-4700-042	SSFDR-07662	SSFDR, SOLID STATE FLIGHT DATA RECORDER (LHT) (HAZ	1TU ONLY	15/03/2015	54637.33	54637.33	13034
321111-01-1	32	NA28008-10	B2221	NOSE LANDING GEAR-COMPLETE (NLG)	NLG ONLY	20/05/2016	42859.31	6726.6	20061
321111-01-1	32	NA28008-10	B2221	NOSE LANDING GEAR-COMPLETE (NLG)	NLG ONLY	20/05/2016	42859.31	6726.6	20061
321111-01-2	32	201581001	MDL2780	MAIN LANDING GEAR, COMPLETE (LT)	MLG LT	20/05/2016	42859.31	6726.6	20061
321111-01-2	32	201581001	MDL2780	MAIN LANDING GEAR, COMPLETE (LT)	MLG LT	20/05/2016	42859.31	6726.6	20061
321111-01-2	32	201581002	MDL2780	MAIN LANDING GEAR, COMPLETE (RT)	MLG RT	20/05/2016	42859.31	6726.6	20061
321111-01-2	32	201581002	MDL2780	MAIN LANDING GEAR, COMPLETE (RT)	MLG RT	20/05/2016	42859.31	6726.6	20061
323100-08-1	32	D23613000	OMA0174	CYLINDER-ACTUATING, NLG (LHT)	NLG ONLY	20/05/2016	44097.53	6725.33	20918
323100-08-1	32	D23613000	OMA0174	CYLINDER-ACTUATING, NLG (LHT)	NLG ONLY	20/05/2016	44097.53	6725.33	20918
323100-09-1	32	201590002-020	B3265	ACTUATOR, RETRACTION (MLG) (LHT)	MLG LT	20/05/2016	36177.05	6726.6	20417

FLTECHNICS
YOUR RELIABLE MRO PARTNER

OPERATOR'S DATA. LG LLP

Example #10. All LG subassemblies are is in single status

A/C LAST FLIGHT			
REGISTRATION	DATE	TSN	CSN
[redacted]	30-Mar-17	72075	3676

AIRF

				A/C AT INSTALL			ACCUMULATED SINCE NEW				ACCUMULATED SINCE OVERHAUL				ACCUMULATED SINCE INSTALLATIO				MAINTENANCE POLICY				REMAINING				
P/N RAW	P/N ASSY	S/N	DESCRIPTION	DATE	TSN	CSN	HOURS	CYCLES	DAYOP	DAYCA	HOURS	CYCLES	DAYOP	DAYCA	HOURS	CYCLES	DAYOP	DAYCA	LIFE HOURS	LIFE CYCLES	OVH CYCLES	OVH DAY	LIFE HOURS	LIFE CYCLES	OVH CYCLES	OVH DAYCA	
D23581100-18	/	[redacted]	NLG DRESSED ASSY	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	N/A	N/A	20000	3652	N/A	N/A	16239	1236	
D23582100-11	/	[redacted]	MAIN FITTING - SHOCK ABSORBER STRUCTURE	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	N/A	N/A	20000	3652	N/A	N/A	16239	1236	
D66331	/	D13754-2	DRAG STAY LOWER ARM / MAIN FITTING PIN	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	100000	25000	20000	3652	28689	15367	16239	1236	
D67201	GA67022	B149-448	SLIDING TUBE	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D67247-1	/	B378	LOWER TORQUE LINK PIN	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D64001	GA64717	MGP460202-519	LOWER TORQUE LINK	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	100000	25000	20000	3652	28689	15367	16239	1236	
D62660	/	07CZ80542X07	TORQUE LINK APEX PIN	August 25, 2010	45573	5315	26502	3761	2416	3419	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	129498	27239	16239	1236	$
D64002	GA64716	MGP460138-457	UPPER TORQUE LINK	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D64006	/	CZ31530-9	UPPER TORQUE LINK PIN	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D67634	GA67253	10B0035X836	TURNING SLEEVE	August 25, 2010	45573	5315	26502	3761	2416	2470	26502	3761	2416	2432	26502	3761	2416	2416	100000	25000	20000	3652	73498	21239	16239	1236	$
D64000	GA64713	B34-526	UPPER FRLANGE	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	100000	25000	20000	3652	28689	15367	16239	1236	
D63396-10	GA64710-3	B034-211	MAIN FITTING	August 25, 2010	45573	5315	76296	10222	6466	7121	29770	4225	2726	2939	26502	3761	2416	2416	122973	15850	15850	3652	46677	5628	11625	326	
D61686	/	JL2660-18	RETRACTION ACTUATOR PIN (MAIN FITTING SID	August 25, 2010	45573	5315	76646	10064	6171	6233	26502	3761	2416	2432	26502	3761	2416	2416	N/A	25000	20000	3652	N/A	14936	16239	1236	
D64003	/	B30-6	MAIN FITTING HINGE PIN 1	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D64003	/	B30-7	MAIN FITTING HINGE PIN 2	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D68346	/	03B0018X19	RESTRICTOR VALVE	August 25, 2010	45573	5315	26502	3761	2416	2516	26502	3761	2416	2516	26502	3761	2416	2416	156000	31000	20000	3652	129498	27239	16239	1236	$
D67241-1	/	B378	RESTRICTOR	August 25, 2010	45573	5315	125605	36744	3194	3194	26502	3761	2416	2432	26502	3761	2416	2416	N/A	50000	20000	3652	N/A	13256	16239	1236	
D68100-1	/	08B0025X16	SUPPORT TUBE	August 25, 2010	45573	5315	26502	3761	2416	2516	26502	3761	2416	2516	26502	3761	2416	2416	156000	31000	20000	3652	129498	27239	16239	1236	$
D23297000-1	/	[redacted]	LOCK LINK	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	N/A	N/A	20000	3652	N/A	N/A	16239	1236	
D61846	GA63738	SU1347D-465	LOCK LINK LOWER ARM	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D61870-1	/	B378	LOCK LINK CENTER PIN	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D61845	GA63737	B37-484	LOCK LINK UPPER ARM	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D61633-1	/	B378	LOCK LINK UPPER ARM / MAIN FITTING PIN	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D64037	GA64719	[redacted]	DRAG STAY LOWER ARM	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D23444000	/	[redacted]	DRAG STAY UPPER ARM ASSEMBLY	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	N/A	N/A	20000	3652	N/A	N/A	16239	1236	
D64036	/	TR10874-2	DRAG STAY CENTER PIN 1	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D64036	/	TR10874-1	DRAG STAY CENTER PIN 2	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D64033	GA64720	460204-461	DRAG STAY UPPER ARM	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D64034	/	TR10880-10	DRAG STAY UPPER PIN	August 25, 2010	45573	5315	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236	
D23352000-2	/	[redacted]	RETRACTION ACTUATOR	August 25, 2010	45573	5315	71311	3633	5880	5970	26502	3761	2416	2443	26502	3761	2416	2416	N/A	N/A	20000	3652	N/A	N/A	16239	1236	
D61954-10	/	SNT840387	BODY	August 25, 2010	45573	5315	71311	3633	5880	5970	26502	3761	2416	2443	26502	3761	2416	2416	N/A	25000	20000	3652	N/A	15367	16239	1236	
D62587-1	/	SNT840388	CYLINDER	August 25, 2010	45573	5315	71311	3633	5880	5970	26502	3761	2416	2443	26502	3761	2416	2416	N/A	25000	20000	3652	N/A	15367	16239	1236	

OPERATOR'S DATA. LG LLP

Example #10. All LG subassemblies are is in single status

A/C LAST FLIGHT			
REGISTRATION	DATE	TSN	CSN
[redacted]	30-Mar-17	72075	3676

				A/C AT INSTALL			ACCUMULAT		MAINTENANCE POLICY				REMAINING			
P/N RAW	P/N ASSY	S/N	DESCRIPTION	DATE	TSN	CSN	HOURS	CYCLES	LIFE HOURS	LIFE CYCLES	OVH CYCLES	OVH DAY	LIFE HOURS	LIFE CYCLES	OVH CYCLES	OVH DAYCA
D23581100-18	/	[redacted]	NLG DRESSED ASSY	August 25, 2010	45573	5915	71311	3633	N/A	N/A	20000	3652	N/A	N/A	16239	1236
D23582100-11	/	[redacted]	MAIN FITTING - SHOCK ABSORBER STRUCTURE	August 25, 2010	45573	5915	71311	3633	N/A	N/A	20000	3652	N/A	N/A	16239	1236
D66331	/	D13754-2	DRAG STAY LOWER ARM / MAIN FITTING PIN	August 25, 2010	45573	5915	71311	3633								
D67201	GA67022	B149-448	SLIDING TUBE	August 25, 2010	45573	5915	71311	3633								
D67247-1	/	B378	LOWER TORQUE LINK PIN	August 25, 2010	45573	5915	71311	3633								
D64001	GA64717	MGP460202-519	LOWER TORQUE LINK	August 25, 2010	45573	5915	71311	3633								
D62660	/	07CZ80542X07	TORQUE LINK APEX PIN	August 25, 2010	45573	5915	26502	3761								
D64002	GA64716	MGP460138-457	UPPER TORQUE LINK	August 25, 2010	45573	5915	71311	3633								
D64006	/	C231590-9	UPPER TORQUE LINK PIN	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D67634	GA67253	10B0035X836	TURNING SLEEVE	August 25, 2010	45573	5915	26502	3761	2416	2470	26502	3761	2416	2432	26502	3761	2416	2416	100000	25000	20000	3652	73498	21239	16239	1236
D64000	GA64713	B34-526	UPPER FRLANGE	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	100000	25000	20000	3652	28689	15367	16239	1236
D63396-10	GA64710-3	B034-211	MAIN FITTING	August 25, 2010	45573	5915	76236	10222	6466	7121	29770	4225	2726	2939	26502	3761	2416	2416	122973	15850	15850	3652	46677	5628	11625	326
D61686	/	JL2660-18	RETRACTION ACTUATOR PIN (MAIN FITTING SID	August 25, 2010	45573	5915	76646	10064	6171	6233	26502	3761	2416	2432	26502	3761	2416	2416	N/A	25000	20000	3652	N/A	14936	16239	1236
D64003	/	B30-6	MAIN FITTING HINGE PIN 1	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D64003	/	B30-7	MAIN FITTING HINGE PIN 2	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D68346	/	03B0018X19	RESTRICTOR VALVE	August 25, 2010	45573	5915	26502	3761	2416	2516	26502	3761	2416	2516	26502	3761	2416	2416	156000	31000	20000	3652	129498	27239	16239	1236
D67241-1	/	B378	RESTRICTOR	August 25, 2010	45573	5915	125605	36744	3194	3194	26502	3761	2416	2432	26502	3761	2416	2416	N/A	50000	20000	3652	N/A	13256	16239	1236
D68100-1	/	08B0025X16	SUPPORT TUBE	August 25, 2010	45573	5915	26502	3761	2416	2516	26502	3761	2416	2516	26502	3761	2416	2416	156000	31000	20000	3652	129498	27239	16239	1236
D23297000-1	/	[redacted]	LOCK LINK	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	N/A	N/A	20000	3652	N/A	N/A	16239	1236
D61846	GA63738	SU1347D-465	LOCK LINK LOWER ARM	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D61870-1	/	B378	LOCK LINK CENTER PIN	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D61845	GA63737	B37-484	LOCK LINK UPPER ARM	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D61833-1	/	B378	LOCK LINK UPPER ARM / MAIN FITTING PIN	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D64037	GA64719	[redacted]	DRAG STAY LOWER ARM	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D23444000	/	[redacted]	DRAG STAY UPPER ARM ASSEMBLY	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	N/A	N/A	20000	3652	N/A	N/A	16239	1236
D64036	/	TR10874-2	DRAG STAY CENTER PIN 1	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D64036	/	TR10874-1	DRAG STAY CENTER PIN 2	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D64033	GA64720	460204-461	DRAG STAY UPPER ARM	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D64034	/	TR10880-10	DRAG STAY UPPER PIN	August 25, 2010	45573	5915	71311	3633	5866	5970	26502	3761	2416	2432	26502	3761	2416	2416	156000	31000	20000	3652	84689	21367	16239	1236
D23352000-2	/	[redacted]	RETRACTION ACTUATOR	August 25, 2010	45573	5915	71311	3633	5880	5970	26502	3761	2416	2443	26502	3761	2416	2416	N/A	N/A	20000	3652	N/A	N/A	16239	1236
D61954-10	/	SNT840387	BODY	August 25, 2010	45573	5915	71311	3633	5880	5970	26502	3761	2416	2443	26502	3761	2416	2416	N/A	25000	20000	3652	N/A	15367	16239	1236

OPERATOR'S DATA. ENGINE LLP

Example #11. No thrust rating info

Engine Overhaul Department : BL.MM	REPAIR STATION EASA [redacted] FAA Nr [redacted]	Page 1/2
IIN : 00X	SN : [redacted]	Designation : ENGINE
HSN : 66181	CSN : 9094	ENGINE MODEL : CFM56-5C-4

IIN	Designation	Part Number	Serial Number	HSN (1)	CSN (1)	Total / Rating Category		Life limit Category (2)			Remaining Category (2)		
						Hours	Cycles	Hours	Cycles	Date	Hours	Cycles	Date
19D	LRU _ CLEVIS-ASSY RIGHT	340-7006-510	AH775SA	77875	1036	68642	9033		20000			9636	
19E	LRU _ CLEVIS-ASSY LEFT	340-7006-507	AH792SA	77875	1036	68642	9033		20000			9636	
19L	LRU _ LEFT THRUST LINK	340-7005-504	N120001SA	28273	3977	13828	1811		15500			11523	
19R	LRU _ RIGHT THRUST LINK	340-7005-503	N124011SA	28273	3977	13828	1811		15500			11523	
211	BOOSTER SPOOL	337-005-206-0	BA662362	74910	9945	45168	5689		20000			10055	
213	FAN DISK	337-005-407-0	BA555849	75851	10257	49377	6406		20000			9743	
221	FAN SHAFT	337-014-404-0	J191292	86551	11858	29618	3815		20000			8142	
312	HPC SHAFT	1386M56P03	GWN00870	69262	9353	54817	7187		15000			5647	
313	HPC STG 1 AND 2 SPOOL	1558M31G04	GWN003E0	60828	8382	16495	2214		15000			6618	
314	HPC STG 3 DISK	1590M59P01	GWN00D7C	66832	8838	52387	6672		15000			6162	
315	HPC STG 4 TO 9 SPOOL	1588M89G03	GWNFF590	82176	11618	18673	2516		15000			3382	
316	HPC REAR ROTATING AIR SEAL	1523M35P01	GFFR88KE	72584	9761	35034	4335		15000			5239	
521	HPT ROTOR FRONT SHAFT	1498M40P03	GWNDN631	89520	12429	26861	3570		15000			2571	
522	HPT FRONT ROTATING AIR SEAL	1795M36P02	GWN00YF3	40533	17915	4145	573		15000			879	
525	HPT ROTOR DISK	1498M43P04	GWNGY793	72584	9761	35034	4335		12000			2239	

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OPERATOR'S DATA. ENGINE LLP

Example #12. Limits and utilization for different rating are in the status

Assemblies >> Engine LLPs >> [redacted]

Part No.: CFM56-5B5-P
Serial No. [redacted]
CSN : 20131
Technical Data & Information :

TSN : 40913:33
Status at: 11-09-2018
Notes :

A/C Pos: N947FR#2
Install Date: 21-11-2017
Statement :

Position	Pn Description	Part Number	Serial Number	Actual Hours	Actual Cycles	Cycles on 5B4	Cycles on 5B1/P	Cycles on 5B4/P	Cycles on 5B5/P	Cycles on 5B6/P	Life Limit Cycles on 5B4	Life Limit Cycles on 5B1/P	Life Limit Cycles on 5B4/P	Life Limit Cycles on 5B5/P	Life Limit Cycles on 5B6/P
IIN211 ONLY	SPOOL ASSY-BOOSTER	338-001-906-0	BC656291	40913:33	20131	0	0	0	20131	0	30000	30000	30000	30000	30000
IIN213 ONLY	DISK ASSY-FAN	338-001-504-0	BC658120	40913:33	20131	0	0	0	20131	0	30000	30000	30000	30000	30000
IIN221 ONLY	SHAFT ASSY-FAN	338-010-601-0	DD335506	40913:33	20131	0	0	0	20131	0	30000	30000	30000	30000	30000
IIN312 ONLY	SHAFT, COMPRESSOR ROTOR	1386M56P03	GWN10KHH	1314:12	623	0	0	0	623	0	20000	20000	20000	20000	20000
IIN313 ONLY	SPOOL ASSY-COMPRESSOR ROTOR STAGES 1 & 2	1558M31G07	FGB0CDD6	1314:12	623	0	0	0	623	0	20000	20000	20000	20000	20000
IIN314 ONLY	DISK-STAGE 3	2116M23P01	XAEGE613	1314:12	623	0	0	0	623	0	20000	20000	20000	20000	20000
IIN315 ONLY	SPOOL ASSY-COMPRESSOR STAGES 4 THRU 9	2048M20G04	GWN10T43	1314:12	623	0	0	0	623	0	20000	20000	20000	20000	20000
IIN316 ONLY	SEAL-ROTATING AIR REAR	2116M25P01	GFF5JDMH	1314:12	623	0	0	0	623	0	20000	20000	20000	20000	20000
IIN521 ONLY	SHAFT-HPT ROTOR FRONT	2048M21P03	XAEHB235	1314:12	623	0	0	0	623	0	20000	20000	20000	20000	20000
IIN522 ONLY	SEAL-ROTATING AIR HPT FRONT	2116M20P02	TMT3TN79	1314:12	623	0	0	0	623	0	20000	20000	20000	20000	20000

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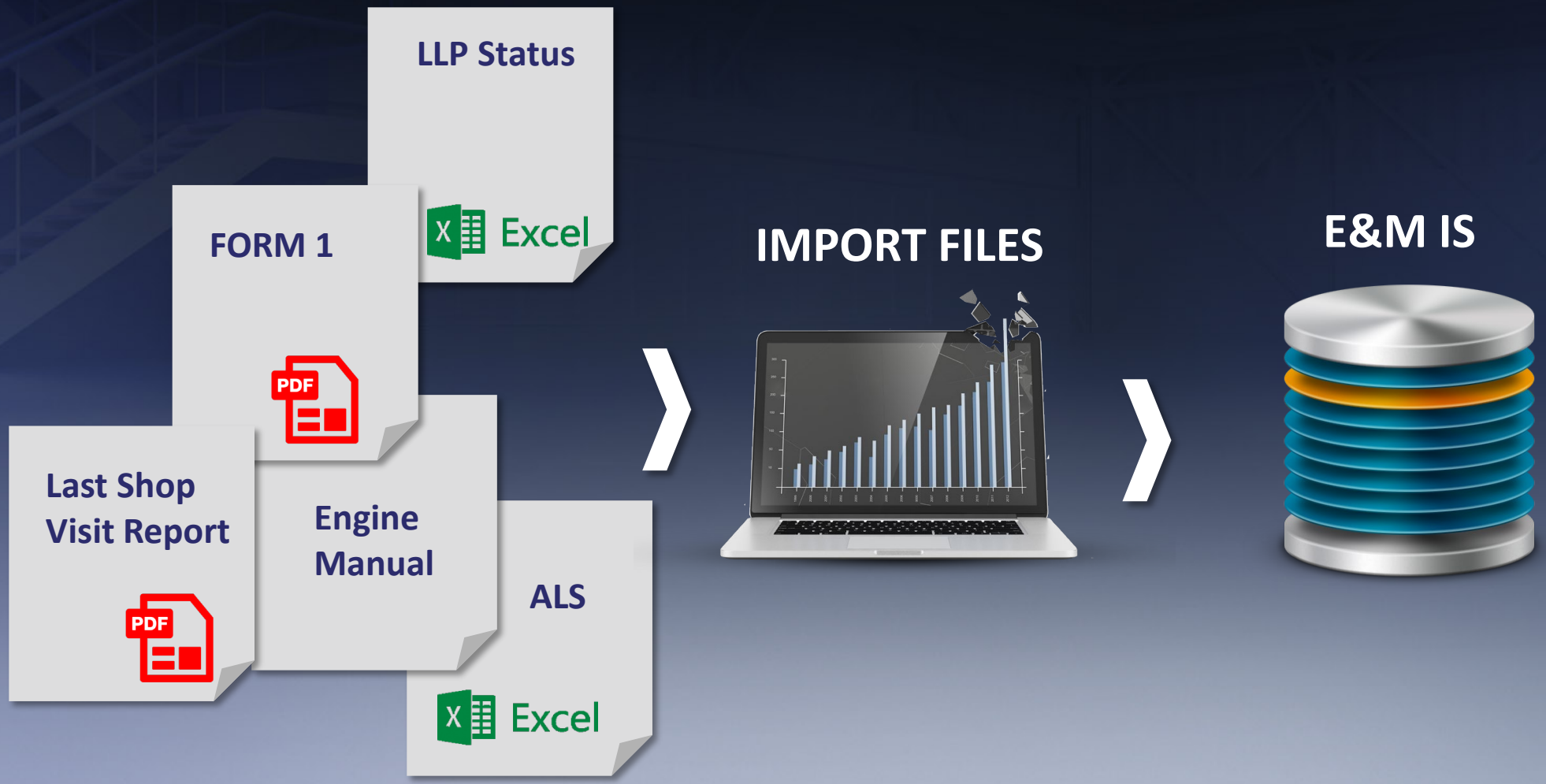
LIFE LIMITED PARTS IN M&E IS



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YOUR RELIABLE MRO PARTNER

WHAT IMPROVEMENTS WE EXPECT

AUTHORITIES

- AD paragraphs standardized data
- Interface for automatic updates

OEM

- Standard for AC configuration – ATA/POS/ZONE
- MPD in E&MIS friendly format
- Services for software providers

OPERATORS

- Standards for main statuses – fields, data formats
- Statuses standards in leasing and purchasing contrast

Thank You!
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