

LLP Registry project



FlightGlobal

Pioneering Aviation Insight



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Presented by Andrew Doyle (Director, Aerospace Market), 27th November 2018

LLP Registry – project status







Introducing the new Life Limited Parts Registry by FlightGlobal and IATA

Reap the benefits of standardised back-to-birth Life Limited Parts tracking, secure record-sharing and market forecast analytics by participating in the LLP Registry.

Why is this registry so important?

- ✦ Airline-led initiative to establish industry standard global registry for LLP data
- ✦ Requires minimal effort from airline partners to integrate data via automated feed from existing record systems
- ✦ Airlines fully control third-party access to LLP records
- ✦ The Registry will use a standard format for LLP data and supporting documentation

How can you be involved?

Stage One: Registry Platform

2019 onwards:

- ✦ Reduction of financial risk
- ✦ Elimination of unnecessary costs and effort
- ✦ Improved speed and efficiency of lease returns and LLP record-sharing
- ✦ Analytics on future supply and demand



Aircraft Level Page

Serial Number: 35007 Component Number: TX-XYG

Original Operator: Air New Zealand
Current Operator: Air New Zealand
Status: In Service

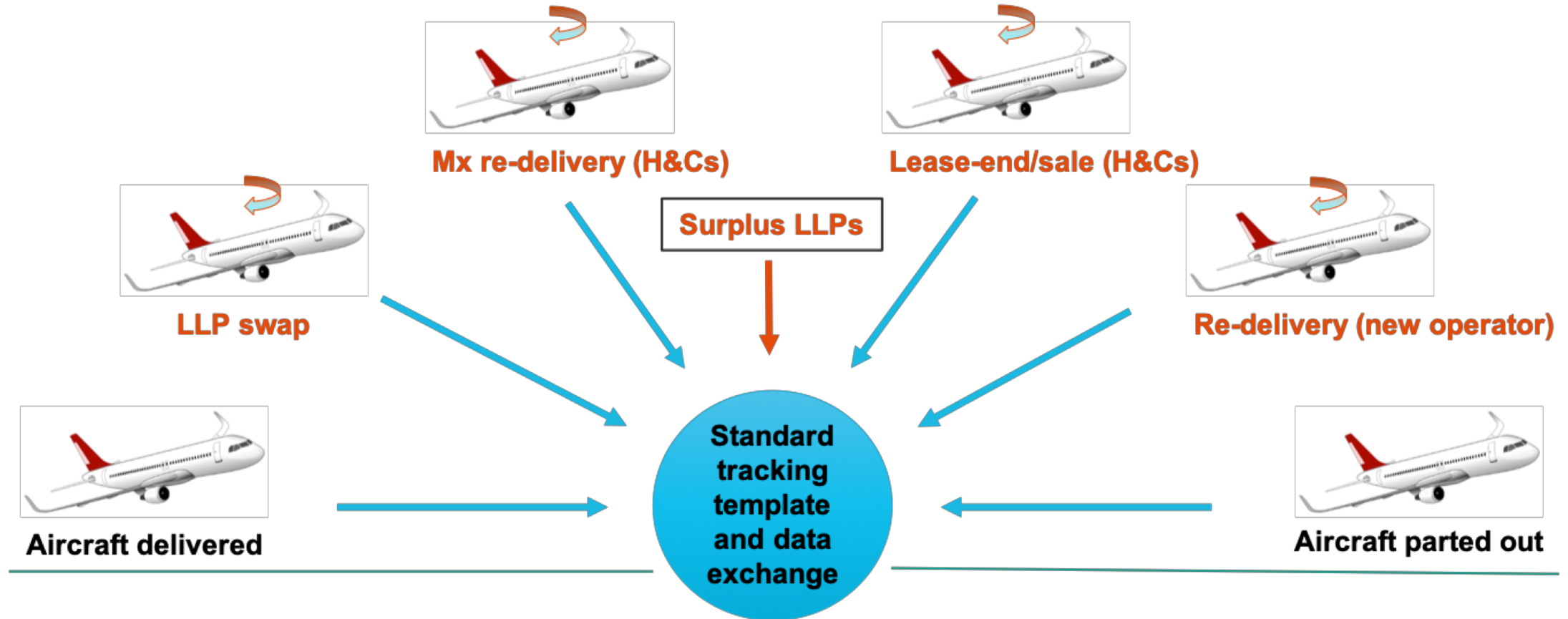
Engines (2) - Rolls-Royce RB211 535E4

Engine	SN	ECN	ECN Rev	LLP Item Cycle	Agreed Date
Engine 1	6574	36055	12453	12/10/2012	7547
Engine 2	6575	22345	15312	5/11/2011	4688

To participate or find out more about the LLP registry please contact Lizzie Law
email: lizzie.law@flightglobal.com

- ✦ Standard LLP tracking template agreed by ALAG group members
- ✦ IATA and FlightGlobal now prototyping registry platform to enable secure sharing of LLP utilization status and/or records
- ✦ Registry will be updated automatically from airline systems
- ✦ Neutral platform – airlines to control access and entitlement for their data
- ✦ IATA and FlightGlobal assembling airline participants for pilot phase (sample data already provided)

LLP Registry concept



Benefits for airlines, MROs and other industry stakeholders



- ▮ Independent validation of LLP hours/cycles
- ▮ Accurate maintenance event forecasting and demand analytics
- ▮ Faster and more accurate desktop valuations
- ▮ Simplified tender processes for MRO service provision
- ▮ More efficient trading of parts

LLPs Database Demo

2 LLP selected

Share

Position Engine 1	S/N 6574	ECSN 36055	ECSSV 12453	Last SV 12/10/2012	LLPs Rem Cycles 7547	Approx. Next SV Nov 2023	
Part Name	P/N	S/N	TSN	CSN	Cycles Limit	Remaining Cycles	Share
Disc Fan LPC A/O Stg. 1	2A2346	T3257432	14754	12453	20000	7547	

Engines (2) - Rolls

Position Engine 1	S/N 6574	ECSN 36055	ECSSV 12453	Last SV 12/10/2012	LLPs Rem Cycles 7547	Approx. Next SV Nov 2023
Position Engine 2	S/N 6574	ECSN 36055	ECSSV 12453	Last SV 12/10/2012	LLPs Rem Cycles 7547	Approx. Next SV Nov 2023

Landing Gears (3)

Position NLG	S/N 7547	ECSN 36055	ECSSV 12453	Last SV 12/10/2012	LLPs Rem Cycles 7547	Approx. Next SV Nov 2023
Position MLG1	S/N 8547	ECSN 36055	ECSSV 12453	Last SV 12/10/2012	LLPs Rem Cycles 7547	Approx. Next SV Nov 2023
Position MLG2	S/N 8547	ECSN 36055	ECSSV 12453	Last SV 12/10/2012	LLPs Rem Cycles 7547	Approx. Next SV Nov 2023

LLPs Database Demo

Share

LLP Movement History Sheet

Serial Number : T3257432 | Part Number: 2A2346 | Part Name : Disc Fan LPC A/O Stg. 1

Operator	Aircraft				Engine							
	Type and model	AC REG	MSN	TSN	CSN	DATE	TYPE	Thrust Rating	S/N	TSN	CSN	P/N
IAE												5A1757
US AIRWAYS	A320-231	N837AIV							V0086	44,565 H	19,956 C	5A1757
US AIRWAYS	A320-231	N837AIV							V0086	55,103 H	24,552 C	5A1757
US AIRWAYS	A320-231	N822AIV							V0086	55,103 H	24,552 C	5A1757
US AIRWAYS	A320-231	N822AIV							V0086	57,414 H	25,594 C	5A1757
US AIRWAYS	A320-231	N822AIV							V0086	57,413 H	25,594 C	5A1757
US AIRWAYS	A320-231	N822AIV							V0086	64,615 H	28,989 C	5A1757
US AIRWAYS	A320-231	N833AIV							V0086	64,615 H	28,989 C	5A1757
US AIRWAYS	A320-231	N833AIV							V0086	66,103 H	29,887 C	5A1757
AERCAP	A320-231	N833AIV							V0086	66,102 H	29,887 C	5A1757

Share with...

Enter emails separated by commas. Use wildcard "*" to give access to all users within a set domain name (e.g. *@iata.org will share with all registered iata staff)

eg john.smith@iata.org, julie.jones@iata.org

☐ Notify users by email
 ☒ View only
 ☐ Can add viewers
 ☐ Admin access

Cancel

Send

Find me a buyer

What do you want to make available to buyers?

Make part available ▼

Make part available

Part Number

5A1757

[View in registry](#)

Actual remaining cycles

7398

Part Type

Engine Part (V2500)

Part Description

Fan Disk

Select Serial Number

RSTDK 33910

Date

13/09/2018

le

31/03/2019

nit

20000

ng

7438

Estimated remaining cycles
at date available

6718

Success, part # 5A1757 has been made available
in the global LLP registry.

You will be notified of interested parties via email
or the LLP message centre"

OK

☒ I confirm above details are correct

Make part available to buyers

LLP Registry – next steps



- ▮ IATA and FlightGlobal to finalise agreements with airline development partners to participate in pilot phase
- ▮ Advisory group to provide governance rules for registry
- ▮ Development partners to be provided with access to prototype to review and provide structured feedback

Thank you!