

STANDARD EXCHANGE REQUEST (to fill in by the Customer)	
Complete ARRIEL 1 Engine: engine condition at the date of the request	
Owner's name: A	Operator's name (if different from the owner):
Your Request ref: B	Date:
ARRIEL 1 C s/n D	P/N: E
TSN or TSO at the date of the request	TSN: F hours TSO: hours
CSN or CSO at the date of the request	GEN. CSN: G cycles
	GEN. CSO: cycles
	PT CSN: H cycles PT CSO: cycles
Flight Profile	Current Ratio Cycles/flowed hour: I Foreseen flown hours & cycles a month (next mission): J
Reason for removal:	
Date of scheduled removal	
Engine composed of:	
Condition at the removal: However if the engine is still in operation, the boxes here below must be completed with estimated Flown Hours and Cycles at the expected date of removal	
Module 01 s/n P/N On condition? <input type="checkbox"/>	(if not, mention TSN and / or TSO)
TSN: hours TSO: hours	
Module 02 s/n P/N TBO hours	
TSN: hours TSO: hours	
Module 03 s/n K P/N L TBO M hours	
TSN: hours N TSO: hours	
Module 04 s/n P/N TBO hours	
TSN: hours TSO: hours	
Module 05 s/n P/N TBO hours	
TSN: hours TSO: hours	

Life Limited Parts (LLP) Module 02:	
Axial compressor s/n	CSN: cycles
Life Limited Parts (LLP) Module 03:	
Centrifugal compressor s/n	CSN: cycles
Injection wheel s/n O	CSN: P cycles
1st stage Turbine Disk s/n	CSN: cycles
2nd stage Turbine Disk s/n	CSN: cycles
Life Limited Parts (LLP) Module 04:	
Free Turbine Disk s/n	CSN: cycles
Accessories submitted to TBO:	
Fuel Control Unit s/n Q P/N R	
TSN: hours S TSO: hours	
Free Wheel Shaft assy s/n (Arriel 1B / 1D / 1D1)	P/N
TSN: hours TSO: hours	hours
Date:	Signature:
Name:	
TO BE SENT TO: TURBOMECA ASIA PACIFIC PTE LTD - COMMERCIAL SUPPORT DEPARTMENT 63 Loyang Way, SINGAPORE 508753 E-mailed to your usual contact Tel: +65 65 48 65 00 Fax n°: +65 65 45 49 78	

GENERAL INFO

- A** Owner of the Aircraft
- B** Customer's P/O or RFQ

ENGINE SE

- C** Engine Variant
E.g. Arriel 1D1
- D** Engine S/N:
E.g. SN: 3145
- E** Part number of Engine (See in Logbook / Always 10 digits)
E.g. Part Number: 0 319 87 010 0
- F** Hours TSN & TSO of Engine (See in LogBook/ Section E)
E.g. 5686 Hours / 1919 Hours
- G** Engine CSN & CSO Gen. (See in Logbook / Section E)
E.g. 3728 Cycles / 1845 Cycles
- H** Engine CSN & CSO PT (See in Logbook / Section E)
E.g. 3854 Cycles / 1853 Cycles
- I** Ratio = CSN/TSN
E.g. Ratio : 3728/5686 = 0.66 cycle for 1 hour
- J** Foreseen of average hours/cycles flown in a month

MODULE SE

- K** Module S/N:
E.g. SN: 3334
- L** Part number of Module (See in Logbook / Section B)
E.g. Part Number: 70 CM 02 30 10
- M** TBO of Module (See in Logcard)
E.g. 3000 hours
- N** Hours TSN & TSO of Module (See in LogBook/ Section E)
E.g. 5686 Hours / 1919 Hours

LLP SE

- O** Component S/N (See in Logbook Section B / Logcard)
E.g. SN: 2989B
- P** Engine CSN & CSO PT (See in Logbook Section B / Logcard) *E.g. 3854 Cycles / 1853 Cycles*

ACCESSORIES SE

- Q** Accessories S/N (See in Logbook Section C / Logcard)
E.g. SN: 300M
- R** Part number of Accessories (See in Logbook-Section C / Logcard / Always 10 digits)
E.g. Part Number: 0164548722
- S** Hours TSN & TSO of Accessories (See in Logcard)
E.g. 1645 hours / 2488 hours

STANDARD EXCHANGE REQUEST

Complete ARRIEL 1 Engine: _____ engine condition at the date of the request

Owner's name : ALLSTAR PTE.LTD.	Operator's name (if different from the owner):		
Your Request ref: Q_1125	Date: 15/08/2010		
ARRIEL 1 B s/n 4200	P/N: 0292005060		
TSN or TSO at the date of the request	TSN: 2200 :27	hours	
	TSO: N/A		
CSN or CSO at the date of the request	GG CSN : 4610	cycles	
	GG CSO : N/A		
	FT CSN: 4570	cycles	
	FT CSO: N/A		
Flight Profile	Current Ratio Cycles/flown hour: 2.1		
	Foreseen flown hours & cycles a month (next mission): 30 hours 60 cycles		
Reason for removal: CALENDAR LIMIT REACHED.			
Date of scheduled removal	1 April 2012		
Engine composed of:			
Condition at the removal: However if the engine is still in operation, the boxes here below must be completed with estimated Flown Hours and Cycles at the expected date of removal			
Module 01 s/n 4203 P/N 70BM011080		On condition? <input checked="" type="checkbox"/>	YES
<small>(if not, mention TSN and / or TSO)</small>			
TSN : O/C	hours	TSO: N/A	hours
Module 02 s/n 4218 P/N 70BM021060		TBO: 3799.6	hours
TSN: 2200.4	hours	TSO: N/A	hours
Module 03 s/n 4216 P/N 70BM031090		TBO: 799.6	hours
TSN: 2200.4	hours	TSO: N/A	hours
Module 04 s/n 1697 P/N 70BM041030		TBO: 3799.6	hours
TSN: 2200.4	hours	TSO: N/A	hours
Module 05 s/n 4332 P/N 70BM055030		TBO: 799.6	hours
TSN: 2200.4	hours	TSO: N/A	hours

Life Limited Parts (LLP) Module 02:	
Axial compressor s/n 832FB	CSN: 4610 cycles
Life Limited Parts (LLP) Module 03:	
Centrifugal compressor s/n 907FB	CSN: 4610 cycles
Injection wheel s/n 3434AD	CSN: 4610 cycles
1st stage Turbine Disk s/n DB6880YC	CSN: 4202 cycles
2nd stage Turbine Disk s/n ADH6744AD	CSN: 1781 cycles
Life Limited Parts (LLP) Module 04:	
Free Turbine Disk s/n DB1944YC	CSN: 4570 cycles
Accessories submitted to TBO:	
Fuel Control Unit s/n A400B	P/N 0164548660
TSN: 1000 hours	TSO: N/A
Free Wheel Shaft assy s/n 1200B (Arriel 1B / 1D / 1D1)	P/N 0292907550
TSN: 1500 hours	TSO: N/A hours
Date: 30/06/2011	Signature:
Name: Martin Evan	

**TO BE SENT TO: TURBOMECA ASIA PACIFIC PTE LTD - COMMERCIAL SUPPORT DEPARTMENT
63 Loyang Way, SINGAPORE 508753**

E-mail to your CSR

Tel: +65 65 48 65 00

Fax n°: +65 65 45 49 78