
AIRWORTHINESS LIMITATIONS - TEMPORARY UPDATE NO. 05-7 - APPROVAL

APPROVAL

This Airworthiness Limitations Section is approved by the EASA (European Union Aviation Safety Agency) in accordance with PART 21A.31(a)(3) and CS-E 25(b) where applicable.
Any change to each Mandatory replacement time, inspection interval, and related procedure contained in this Airworthiness Limitations Section must also be EASA approved.

EASA Approval date: August, 28th, 2023.

The Airworthiness Limitations Section is FAA approved and specifies maintenance required under §§ 43.16 and 91.403 of Title 14 of the Code of Federal Regulations unless an alternative program has been FAA approved.

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TASK 05-10-01-200-801-A01

**AIRWORTHINESS LIMITATIONS - TEMPORARY
UPDATE NO. 05-7 -
VALUES OF AUTHORIZED IN-SERVICE LIFE LIMITS**

WARNING

IT IS MANDATORY TO REMOVE A LIFE-LIMITED PART FROM SERVICE AS SOON AS IT HAS REACHED ITS AUTHORIZED IN-SERVICE LIFE LIMIT. FAILURE TO DO SO MAY COMPROMISE FLIGHT SAFETY.

1. VALUES OF AUTHORIZED IN-SERVICE LIFE LIMITS

A. Authorized in-service life limits - General

Refer to Task 05-10-00-200-801.

B. Example of table use for authorized in-service life limits

(1) Module X

<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
Part for example	NNNNNNNNNN	CSN1	20,000	CYCLE
How to read the table: Before the CSN1 counter exceeds the limit value of 20,000 CYCLES , it is mandatory to remove from service the « part for example » part number NNNNNNNNNN .				

C. Table of authorized in-service life limits for the ARRIEL 2C2

(1) Module 02

<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
Axial compressor wheel	2292153370	CSN1	22,000	CYCLE

(2) Module 03

<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
Centrifugal impeller	0292260010	CSN1	22,000	CYCLE
	0292260110	CSN1	22,000	CYCLE
	0292260120	CSN1	22,000	CYCLE
	0292260880	CSN1	22,000	CYCLE
Injection wheel	2292260750	CSN1	10,000	CYCLE
HP turbine disc	2292260060	CSN1	17,000	CYCLE
	0292260690	CSN1	17,000	CYCLE

Effectivity: C2

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<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
	2292260520	CSN1	15,000	CYCLE
	0292260760	CSN1	15,000	CYCLE

(3) Module 04

<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
Power turbine disc	2292810310	CSN2	22,000	CYCLE
	2292810610	CSN2	22,000	CYCLE
	2292810790	CSN2	22,000	CYCLE

Effectivity: C2

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TASK 05-15-00-201-802-A01

**FREQUENCIES - TEMPORARY UPDATE NO. 05-7 -
LIST OF USE-LIMITED PARTS****WARNING**

IT IS REQUIRED TO REMOVE A USE-LIMITED PART FROM SERVICE AS SOON AS IT HAS REACHED ITS AUTHORIZED IN-SERVICE LIFE LIMIT. FAILURE TO DO SO MAY CAUSE THE OCCURRENCE OF EVENT LIABLE TO AFFECT THE ENGINE OPERATING SAFETY.

CAUTION: USE THE FIRST LIMIT REACHED WHEN SEVERAL LIMITS APPEAR FOR THE SAME TASK.

1. USE-LIMITED PARTS**A. Use-limited parts - General**

(Refer to Task 05-15-00-200-801)

B. Example of table use for use-limited parts

(1) Module X

<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
Part for example	NNNNNNNNNN	CSN1	10,000	CYCLE
How to read the table: Before the CSN1 counter exceeds the limit value of 10,000 CYCLES , it is required to remove from service the " Part for example " part number NNNNNNNNNN .				

C. Tables of use-limited parts for the ARRIEL 2C2

(1) Module 03

<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
HP turbine blade	229226A030	TSN	3,500	FH
		CSN1	10,000	CYCLE
	229226A050	TSN	3,000	FH
		CSN1	10,000	CYCLE
	729226A03A	TSN	3,500	FH
		CSN1	10,000	CYCLE
	729226A05A	TSN	3,000	FH
		CSN1	10,000	CYCLE
	229226A870	TSN	4,000	FH
		CSN1	10,000	CYCLE

Effectivity: C2

Frequencies - TEMPORARY UPDATE No. 05-7

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<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
HP turbine blade (used with TU 166 since TSN blade \neq 0 hours or without TU 166)	229226A400	TSN	3,500	FH
		CSN1	10,000	CYCLE
HP turbine blade (used with TU 166 since TSN blade = 0 hours)	229226A400	TSN	4,000	FH
		CSN1	10,000	CYCLE

(2) Module 04

<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
Power turbine blade	2292810430	TSN	7,000	FH
		CSN2	10,000	CYCLE
	2292810440	TSN	7,000	FH
		CSN2	10,000	CYCLE
	229281A010	TSN	7,000	FH
		CSN2	10,000	CYCLE
Power turbine nut	0292810450	TSN	3,500	FH

(3) Module 05

<i>Description</i>	<i>Part Number</i>	<i>Reference Counter</i>	<i>Limit</i>	<i>Unit</i>
Sleeve assy	0292717390	TSN	3,500	FH
	0292717600	TSN	3,500	FH
Splined nut	0292710510	TSN	3,500	FH