

1. Approving Competent Authority / Autorité compétente / Pays DIRECTION GENERALE DE L'AVIATION CIVILE FRANCE		AUTHORISED RELEASE CERTIFICATE Certificat libératoire autorisé EASA FORM 1 Formulaire 1 de l'EASA			2. Form Tracking Number / Numéro de suivi du Formulaire TARMAC-2019-319-301		
4. Approved Organisation Name and Address / Nom et adresse de l'organisateur approuvé TARMAC AEROSAVE SAS L'Aérotechne ISSAC AZERER - FRANCE Téléphone 33 (0) 5 62 42 85 90 - Fax 33 (0) 5 62 42 89 28						3. Work Order / Contract / Invoice / Bon de Commande / Contrat / Facture W/O 118733 & 120531 & 121902	
5. Item Ref.	7. Description / Désignation	8. Part No. / Référence de la pièce	9. Qty. / Qté	10. Serial / Batch No. / N° de Série / Lot	11. Status / Work / État / Travail		
1	APU GTCP 131-9A	3800706-1	1	P-3833	INSPECTED / TESTED		
12. Remarks / Remarques POWER PLANT (APU) (131-9(A)) REMOVED IN SERVICEABLE CONDITION IAW AMM TASK 49-00-00-712-210-A & AMM TASK 49-20-00-210-003-A & AMM TASK 49-11-11-000-001-A REV 42 OF NOV 17 2019 FROM AIGLE AZUR A/C A320-214 MSN 6012 REGISTERED F-HBIX; UNIT PRESERVED FOR LONGTIME STORAGE UP TO 24 MONTH IAW SB 49-8028 R01. AIRCRAFT: TSN = 20194/29 FH ; CSN = 8721 FC & COMPONENT : TSN = 6922 FH CSN = 10345 FC - TSC-OSO = LNK SEE ATTACHED AIRWORTHINESS STATEMENTS & LIFE LIMITED PARTS (LLP) STATEMENT; SEE ATTACHED LAST FLIGHT NON INCIDENT / ACCIDENT STATEMENT / NON EXCEEDANCE STATEMENT & OIL STATEMENT							
13a. Certifies that the items identified above were manufactured in conformity with: - est certifié que les éléments identifiés ci-dessus ont été fabriqués en conformité avec: <input type="checkbox"/> approved design data and are in condition for safe operation des données approuvées et sont en état de fonctionner en sécurité <input type="checkbox"/> non-approved design data specified in block 12 des données non approuvées identifiées en case 12				13b. <input checked="" type="checkbox"/> PART 145 A51 Release to Service Autorisation pour remise en service selon PART 145 A51 <input type="checkbox"/> Other regulation specified in block 12 Autre réglementation précisée en case 12			
13c. Authorized signature / Signature autorisée				13d. Certificate Approval Ref. No. / Numéro de certificat d'agrément FR.145.0627			
13e. Name / Nom				14d. Name / Nom CAITPOY			
13f. Date of issue / Date d'impression				14e. Date of issue / Date d'impression 15 Nov 2019			

* Installation must cross-check eligibility with applicable technical data. L'installateur doit vérifier l'admissibilité avec les données techniques applicables.

User / Installateur / Responsables - Responsabilités de l'utilisateur / installateur

1-It is important to understand that the existence of the document alone does not automatically constitute authority to install the part/component/assembly.
Il est important de comprendre que de part son existence, ce document ne constitue pas forcément l'autorisation d'installer la pièce/élément/ensemble.

2-Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority specified in block 1,
Quand l'utilisateur/l'installateur travaille selon la réglementation nationale d'une Autorité de navigabilité différente de l'Autorité de navigabilité mentionnée en case 1, il est essentiel que l'utilisateur/l'installateur s'assure que son Autorité de navigabilité accepte les pièces/composants/ensembles libérés par l'Autorité de navigabilité mentionnée en case 1.

3-Statements 13a and 14a do not constitute installation certification. In all cases the aircraft maintenance record must contain an assignment certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.
Les indications portées des cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/l'installateur avant que l'aéronef puisse décoller.

To TARMAC AEROSAVE Quality Department,

We, hereby, confirm that to date, for the following aircraft part:

- None of Airworthiness Directives applicable are overdue.
- None of life-limited parts have reached or exceeded their certified life limits.

DESIGNATION	APU GTCP 131-9A
PART NUMBER	3800708-1
SERIAL NUMBER	P-3833
PREVIOUSLY INSTALLED ON A/C (Type, MSN, Registration)	A320-214- MSN 6012 – F-HBIX

Name, company, function, date and visa

ZERROUGUE Ali
 TECHNICAL OFFICE
 15/11/2019.

TARMAC AEROSAVE SAS
 Aérodrôme Toulouse Francaze
 135. avenue du Comminges
 31270 CUGNAUX



NON INCIDENT / ACCIDENT LETTER

TO WHOM IT MAY CONCERN

APU
Part number 3800708-1
Serial number P-3833
Model: 131-9(A)

Was operated by Aigle Azur from January 27th 2009 through September 27th 2019.

- Phase In New January 27th 2009.

APU times: 0, 00 Fh / 0 cycles

- Last flight September 06th 2019 on F-HBIX, MSN 6012.

APU times: 6 922:00 Fh / 10 345 cycles

A/C times: 20 194:29 Fh / 8 721 cycles

This letter is to certify the above reference APU to the best of our knowledge and based on all available records since operated by Aigle Azur has not been involved in nor removed from an aircraft that was involved in an accident, incident, major failure or fire nor have the parts installed been subject to extreme stress or heat or obtained from any military or unapproved source.

- Has not been immersed in salt water or exposed to any other form of corrosive agent.

- No non-approved repairs were carried out during the above stated operation.

- No PMA parts or non-type certificate holder repaired parts or DER repairs was installed during the above stated operation

Delivery at A/C phase out, September 27th 2019.

Aigle Azur Powerplant Engineering Department

COBAT Jean-Claude
Power plant Engineering Manager



AIGLE AZUR
DIRECTION TECHNIQUE
CS90001
91781 Paray Vieille Poste
www.aigle-azur.fr



P/N Actual Compliance Print

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AIGLE AZUR

Mfr: 3007201

P/N Description: APU-AUXILIARY POWER U P/N S/N: P-3030

Mfr Hours: 2220-41 P/N Cycle: 3055

Days: 590

Installed M/C: FHE03

Schedule:
Hrs/Cys/Dys/Dts

Installed Date: 12/07/2019

Asset ID	Document#	EC Description:	Schedule	Remarks	Compliance Information
AD-2000-04-247100 Category: AD Status: N/A Rev: 00	ONF-2000-154-MP-B7100 GTOP36-46-7401 GTOP36-46-7402 GTOP36-46-7403	APPLIANCE : HONEYWELL INTERNATIONAL APU WITH LOAD COMPRESSOR IMPELLERS P/N 3022273-4 OR 3022273-5 INSTALLED Reason NA - APU MODEL 13-9 NOT CONCERNED	EARLIEST		
AD-2000-04-247100 Category: AD Status: N/A Rev: 00	AD-2000-04-247100	APPLIANCE : HONEYWELL INTERNATIONAL APU WITH LOAD COMPRESSOR IMPELLERS P/N 3022273-4 OR 3022273-5 INSTALLED Reason NA - APU MODEL 13-9 INSTALLED NOT CONCERNED	EARLIEST		
SB-131A-49-8063 Category: SB Status: OPEN Rev: 01		AIRBORNE AUXILIARY POWER - GAS TURBINE ENGINE - REPLACE 1ST STG TURBINE, P/N 3042700-5, P/N 3042700-7, P/N 3042700-8 OR P/N 3042700-1 AND STATIONARY SEAL, P/N 3042700-3 WITH 1ST STG TURBINE, P/N 3042700-2 AND STATIONARY SEAL, P/N 3042700-6 13-9 APU Reason AIR LIFE LIMITED PARTS STATUS	Rear		
SB-A300-49-1057100 Category: SB Status: N/A Rev: 01	SB-131A-49-7791	TURBINE AUXILIARY POWER - CONTROL AND MONITORING PROCEDURE OF RE-INITIALIZATION OF DMM HONEYWELL FOR 13-9A Reason N/A DUE TO MOD NO 2588-10246 : 30225-13903 ENCODED ON AIRCRAFT AND APU	EARLIEST		

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Handwritten signature
JC COBAT
Pilot plant Engineering Manager

OIL STATEMENT

TO WHOM IT MAY CONCERN

APU
Part number 3800708-1
Serial number P-3833
Model: 131-9(A)

**Was serviced with MOBIL JET II Oil during its operations in Aigle Azur
from January 27th 2009 through September 27th 2019.**

APU hours and cycles recorded are direct reading from the DMU.

- Phase in New January 27th 2009.

APU times: 0, 00 Fh / 0 cycles

- Last flight September 06th 2019 on F-HBIX, MSN 6012.

APU times: 6 922:00 Fh / 10 345 cycles

A/C times: 20 194:29 Fh / 8 721 cycles

Delivery at A/C phase out, September 27th 2019.

Aigle Azur Powerplant Engineering Department

COBAT Jean-Claude
Power plant Engineering Manager

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NON EXCEEDANCE STATEMENT

TO WHOM IT MAY CONCERN

APU
Part number 3800708-1
Serial number **P-3833**
Model: 131-9(A)

Was operated by Aigle Azur from January 27th 2009 through September 27th 2019.

APU hours and cycles recorded are direct reading from the DMU.

- Phase in New January 27th 2009.

APU times: 0, 00 Fh / 0 cycles

- Last flight September 06th 2019 on F-HBIX, MSN 6012.

APU times: 6 922:00 Fh / 10 345 cycles

A/C times: 20 194:29 Fh / 8 721 cycles

This letter is to certify the above reference APU during operation by Aigle Azur to the best of our knowledge and based on all available records has never exceeded its manufacturer given operational limits.

Delivery at A/C phase out, September 27th 2019.

Aigle Azur Powerplant Engineering Department

COBAT Jean-Claude
Power plant Engineering Manager

 **AIGLE AZUR**

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Date of A/C phased out : 27-sept.-19

APU 131-9 - Time limits (P-3833, APU SPARE)						
APU P/N	3800108-1	TSN	6 922	Hr	Date of : September 27, 2019	
APU S/N	P-3833	CSN	10 345	cycles		
A/C ID	F-HEDX	TSLSV	366	Hr		
A/C MSN	6012	CSLSV	492	cycles		
Description	P/N	S/N	HRS RUN	CYC RUN	CYCLES LIMIT	REMAINS
ENGINE COMPRESSOR IMPELLER	3822391-6	07-23501-08230	6 922	10 345	30 000	19 655
TURBINE SHAFT	3822504-3	07P33137	6 922	10 345	30 000	19 655
1ST STAGE TURBINE ROTOR	3845610-4	17-156121-11201	366	492	30 000	29 508
2ST STAGE TURBINE ROTOR	3845165-4	17-156121-00598	366	492	30 000	29 508
FIRST LIMITER						
	P/N	S/N	Cycles to go			
	Various	Various	19 655			
	DATE		HOURS		CYCLES	
LAST OVERHAUL	-		-		-	
LAST SHOP VISIT	August 10, 2018		5 922		10 345	
Notes :						
(1) : initial hours & cycles needed for calculations are issued from previous operator. To the best of our knowledge, those information are certified true and accurate from previous operator						
(2) : _TSN : Times since new _CSN : Cycles since new _TSLSV : Times since last shop visit. _CSLSV : Cycles since last shop visit						
(3) : _OC : On Condition						
CONTROLLED BY:			JC. COBAT Powerplant Engineering Manager			

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