

K/AMO/L/066
NSS/SL/O14
ISSUE: 1 - REV.0
16/02/2017

SERVICEABLE

JOB/WO No. STG76-044

CUSTOMER

COMPONENT DRIVE SHAFT PART No. 450SG1103-12

SERIAL No. N/A JOB No. MT/51/2/26

METHOD: MT PT ET UT INSPECTED TESTED

REMARKS M.P.I. CARRIED OUT 1/2/26

ASTM E1444M-75

The undersigned certifies that the work specified was carried out in accordance with current regulations and in respect of that Work the aircraft or aircraft component is considered ready for release to service

SIGN

AUTHORITY



DATE 24/02/2017



NDT Support Services
APEX Bldgn, Wilson Airport
P.O. Box, 53144-00200
Nairobi, Kenya

Class 2

Form No: NSS/CCRS/05
ISSUE 2 Rev. 0
02/09/2019

CUSTOMER PARTICULARS

AERO INSTRUMENT SERVICE
LTD.

Work Order No: DN# STG26-044

KCAA-AMO Approval Certificate No: K/AMOL/066

**Certificate of Release
To Service (CRS)**
(For Component Release Only)

**NDTSS Job No.
MT/512/26**

Item Number	Item Description	Part No.	Serial No.	Quantity	Work Status
1	Drive Shaft	400SG1103-12	Not Serialised	1	Magnetic Particle Inspection
Accomplishment					
I. Magnetic Particle Inspection carried out I.A.W Standard Practice for Magnetic particle ASTM E1444/ E1444M-25					
Test Result					
No crack indication detected at the time of this inspection.					

"The undersigned certifies that the work specified was carried out in accordance with current regulations and in respect of that work the aircraft or aircraft component is considered ready for release to service."

Certifying Personnel:

Name: Paul Kinuthia Full Signature..... Stamp..... Date 24/02/2026

Installer Responsibilities;

- This certificate does NOT constitute authority to install.
- Installers working i.a.w the national regulations of a country than that specified in this Certificate MUST ensure that their regulations recognize certification from the country specified.



Aero Instrument Service Limited
P.O. Box 44356-00100, Nairobi, Kenya.

AMO Ref:
K/AMO/L/016

TASK CARD

JOB NUMBER	DATE	A/C REG	CUSTOMER	
STG26-044	24/02/2026	5Y-JXL	JAMBOJET	

PART/MODEL NO	1152400-4 / 400SG168Q-2	TSN	10801.10	TSO	2261.50
SERIAL NO	0100-0154/2124	CSN	12317	CSO	0.0

WORK REQUIRED

CARRY OUT OVERHAUL <input checked="" type="checkbox"/>	CARRY OUT INSPECTION <input type="checkbox"/>
CARRY OUT REPAIR <input type="checkbox"/>	OTHER (Specify) <input type="checkbox"/>

NO.	TASKS COMPLETION	DATE:	25/02/2026		
		HOURS	MECH	INSP	SIGN
11.	REPAINTING DONE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ON STATOR, BRUSH COVER AND FANCOVER	7HRS	MOGERE	PETER	
12.	BRUSH COVER INSULATING TAPE FOUND IN <input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD CONDITION	1/2 HRS	TONNY	PETER	
13.	BRUSH COVER INSULATING TAPE REPLACED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TONNY	PETER	
14.	UNIT ASSEMBLED WITH NEW BRUSHES, BEARINGS AND HARDWARE	3HRS	TONNY	PETER	
MANUAL REF:		CMM TM 110 Rev 7			
DUPLICATE INSP:					

PARTS USED

QTY	PART NO.	DESCRIPTION	QTY	PART NO.	DESCRIPTION
01	1152400-S2	OVERHAUL KIT	1		

RETURN TO SERVICE

The undersigned certifies that the work specified was carried out in accordance with current regulations and in respect of that work the aircraft component is considered ready for release to service.

Name:	PETER NYAWADE	Signature:		Date:	25/2/26	Stamp:	
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Aero Instrument Service Limited
P.O. Box 44356-00100, Nairobi, Kenya.

AMO Ref:
K/AMO/L/016

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WORK REQUIRED

CARRY OUT OVERHAUL <input checked="" type="checkbox"/>	CARRY OUT INSPECTION <input type="checkbox"/>
CARRY OUT REPAIR <input type="checkbox"/>	OTHER (Specify) <input type="checkbox"/>

NO.	TASKS COMPLETION	DATE:	26/02/2026		
		HOURS	MECH	INSP	SIGN
15.	BRUSHES BEDDED BY MOTORIZNG THE STARTER GENERATOR AND FULLY SAT.	1/2HR	TONNY	PETER	
16.	SPEED SENSOR OUTPUT CHECKS CARRIED OUT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	1/2HR	TONNY	PETER	
17.	THERMAL SWITH CONTINUITY CHECKS CARRIED OUT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	1/2HR	TONNY	PETER	
18.	UNIT BENCH TESTED; ALL PARAMETERS FOUND WITHIN LIMITS.	1HR	TONNY	PETER	
MANUAL REF:	CMM TM 110 Rev 7				
DUPLICATE INSP:					

PARTS USED

QTY	PART NO.	DESCRIPTION	QTY	PART NO.	DESCRIPTION
1	1	1	1	1	1

RETURN TO SERVICE

The undersigned certifies that the work specified was carried out in accordance with current regulations and in respect of that work the aircraft component is considered ready for release to service.

Name:	PETER NYAWADE	Signature:		Date:	26/02/26	Stamp:	
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Aero Instrument Service Limited
P.O. Box 44356-00100, Nairobi, Kenya.

AMO Ref:
K/AMO/L/016

STORES REQUISITION

NOTE: This requisition form must be attached to the work pack after completion of work.



CERTIFICATE OF CONFORMITY: RN121422

Certificate Number FM 20067

Embossed
Authentication
stamp
here

Spiersbridge Terrace,
Thornliebank Ind. Estate
Glasgow, Scotland, G46 8JQ
Telephone: +44 (0)141 638 2265
report@turner-aviation.co.uk

Work Order: DS301046

P.O. No: TU24-013
Item No: 1

Item	Description	Part Number	Qty	Serial / Batch No.	Status / Work
1	100% KIT S2 APU SG OVH	1152400-S2-KIT	2	1154234-1154235	SUPPLIED

SUPPLIED IN ACCORDANCE WITH YOUR ORDER REQUIREMENTS

In accordance with the requirements of AN17, Authorised Release Documentation of the aircraft component(s) is on file, referenced by the batch numbers above, and will be made available upon request.

AERO INSTRUMENT SERVC LTD
P.O. BOX 44356-00100
NAIROBI
KENYA

Certified that the Supplies / Services detailed hereon have been inspected and tested in accordance with the conditions and requirements of the Contract / Order, and unless noted above, conform in all respects to the drawings and specifications relevant thereto.

Signed:

for and of behalf of Turner Aviation

Date:

02 DEC 2024

Stamp:



KIT PARTS - To Be Issued

Batch: 1

Date: 29 Nov 2024

Part Number Issued	Part Number Requested	Part Description	Qty	GRN	Bin Number
150SG1070		FRICTION RING	1	1150653	R06-S22
150SG1071		NUT	1	1145546	R06-S22
150SG1093-2		SPRING	1	1149119	R06-S23
150SG1112-1		SCREW	4	1152574	R06-S24
150SG1139		DECAL	1	1151737	R06-S24
150SG1168		DECAL	1	1148838	R06-S24
150SG1379-8		WASHER	8	1150656	R06-S24
150SG1389-5		NUT	1	1150310	R06-S25
150SG1389-6		NUT	2	1150010	R06-S25
18357		WASHER	6	1150657	R06-S25
250SG1113		WASHER	8	1150660	R06-S18
400SG1009-14		BRUSH	4	1150664	R06-S19
400SG1052-13		BEARING	2	1153578	R06-S20
400SG1105		SCREW	8	1150665	R06-S20
AN960-10L		WASHER	4	1153462	R05-S27
AN960C516		WASHER	1	1148942	R05-S29
AN960C616		WASHER	2	1151054	R05-S29
M83248-1-113		SEAL	1	1152204	R05-S22
MS16628-4078		RETAINING RING	1	1147887	R05-S23
MS24693-S23		SCREW	3	1148578	R05-S17
MS24694-S3		SCREW	4	1151057	R05-S18
MS35265-13		SCREW	4	1151058	R05-S11
MS35265-43		SCREW	8	1151059	R05-S11
MS35266-64		SCREW	1	1148944	R05-S12
MS35266-67		SCREW	2	1150999	R05-S12
MS35276-264		SCREW	3	1151053	R05-S13
MS35338-42		WASHER	8	1151060	R05-S14
MS35338-43		WASHER	10	1148948	R05-S14

1154235

Issued:

T.A.G. S8

Date: 29 NOV 2024

1. Approving Civil Aviation Authority/Country:	2. AUTHORIZED RELEASE CERTIFICATE	3. Form Tracking Number:
FAA/United States	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	MR102471

4. Organization Name and Address:
Skurka Aerospace Inc. (PMA/PQ2168NM / TSOA PT2168NM)
4660 Calle Buena, Camarillo, CA 93012

5. Work Order/Contract/Invoice Number:
JR 268390
TURNER AVIATION (GLASGOW)

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	BEARING, HIGH TEMP	400SG1052-13	20	AE3059 THRU AE3078	NEW

**12. Remarks:
AIRWORTHINESS APPROVAL
These part(s) are subcomponents of an FAA/TSO authorized article.**

Manufactured per Skurka Aerospace Inc. Drawing 400SG1052-13 Rev G Dated: 11/02/2021.

LUBE DATE: 09/20/2024, EXP DATE: 09/20/2027, BL# 270920

1153578

Signature:

TAG SS

25 OCT 2024

13a. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in condition for safe operation.
- Non-approved design data specified in Block 12.

13b. 14 CFR 43.9 Return to Service Other regulation specified in Block 12

Certificates that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 4, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13c. Approval/Authorization No.:

PT2168NM

14b. Authorized Signature:

MARIA RODRIGUEZ

14c. Approval/Certificate No.:

22/OCT/2024

14d. Name (Typed or Printed):

MARIA RODRIGUEZ

14e. Date (dd/ mm / yyyy):

22/OCT/2024

THIS IS A TRUE AND CERTIFIED COPY

13d. Name (Typed or Printed):

13e. Date (dd/ mm / yyyy):

14f. Name (Typed or Printed):

14g. Date (dd/ mm / yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation verification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country Transport Canada	2. AUTHORIZED RELEASE CERTIFICATE FORM ONE	3. Form tracking No. TSA 128754			
4. Organization Name and Address Toronto Sky Aviation Inc., 30 Rayette Rd, Concord, Ontario L4K 2G3	5. Work Order/Contract/Invoice P/O: AISL/2025-009 TSA Invoice#: 078021				
6. Item 1	7. Description Armature	8. Part No. 400SG2064	9. Qty. 1	10. Serial/Batch No. 128754/119493	11. Status/work Repaired
12. Remarks: Rewound under Transport Canada approved CRM 400SG2064 series Rev B, RDC O-RAP99-097 Rev 5 and engineering procedures manual AES-001 Rev G. This certifies that work accomplished in block 11/12 was carried out in accordance with the mutual acceptance provisions outlined in the current TCCA/EASA Maintenance Annex Guidance (MAG), and that this aircraft component is approved for release to service.					
13a. Certifies that the items identified above were manufactured in conformity to:			14a <input checked="" type="checkbox"/> CAR 571.10 Maintenance release. <input checked="" type="checkbox"/> Other regulation specified in block 12.		
<input type="checkbox"/> approved design data and are in condition for safe operation.			<input type="checkbox"/> Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature			14c. Approved Organization Number AMO 45-99		
13d. Name			14e. Date (dd-mm-rrrr-yyyy) 08-Jul-2025		
INSTALLER RESPONSIBILITIES					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					
Important: See notes on reverse side					

(Previously form 24-0078)



Skurka Aerospace Inc.
4600 Calle Bolero, P. O. Box 2869
Camarillo, CA 93011

SERVICE BULLETIN

TABLE VI
ACCEPTANCE TEST DATA SHEET
400SG163Q AND 400SG168Q SERIES

REPAIR STATION NAME	AISL			TESTED PER	TM110	
ADDRESS	WILSON PPT NAIROBI			REV	7	
REPAIR STATION CERTIFICATE NO.	KIAMO/L1016			REV DATE	11/08/2010	
S/G MODEL NO. 400SG	SERIAL NO. 168Q-2	SALES WORK ORDER NO. 2124	TESTED BY STG26-044	DATE TEST STAND NO.	25/02/2026 1	
MOD / REV			TONNY			
TEST PARA.	INSPECTION / TEST	REQUISITES	MEASUREMENT	ACC	REJ	
3-5	Visual Inspection	Complete and without obvious damage	X X	✓		
3-8	Maximum Speed for Regulation $13,300 \pm 100$ RPM No Load, 30.0 ± 0.1 V	Voltmeter readout (A+ to B+)	27.10	vdc	✓	
		Ammeter readout (A+)	1.2	amps	✓	
		Resistance (within 35 ohms)	22.5	ohms	✓	
3-9	Continuous Operating Speed and Equalizing Voltage $12,000 \pm 100$ RPM, 400 ± 5 Amp, 30 ± 0.1 V	D - E Voltage (see Figs 3-5 and 3-6)	1.0	vdc	✓	
		Air Inlet Temperature	89	"F	✓	
3-10	Minimum Speed for Regulation $7,200 \pm 100$ RPM 30 ± 0.1 V, 400 ± 5 Amp	Voltmeter readout (A+ to B+)	18.6	vdc	✓	
		Field Current (A+ within 10.0 amps)	4.8	amps	✓	
		Ext. field resistance (within 0.5 ohms)	3.9	ohms	✓	
3-11	Residual Voltage 7200 ± 100 RPM	Voltmeter readout (B+ to E) 0.8 V	0.99	vdc	✓	
3-12	Minimum Operating Speed 28 ± 0.1 V, 400 ± 5 Amp, 6800 ± 100 RPM	Voltmeter readout (A+ to B+)	17.02	vdc	✓	
		Field Current (A+ within 10.0 amps)	4.4	amps	✓	
		Field resistance (within 0.4 ohms)	3.86	ohms	✓	
3-13	Overspeed 5 min 14,000 ± 0.1 100 RPM	No Sign of Failure	X X	✓		
3-14, 3-15	Commutation 28.5 ± 0.1 VDC	7,700 ± 100 RPM, $0,200, 400 (\pm 5)$ Amp	Not to exceed pinpoints, Field Current rises with Load	X X	✓	
		10,000 ± 100 RPM, $0,200, 400 (\pm 5)$ Amp	Not to exceed pinpoints, Field Current rises with Load	X X	✓	
		12,000 ± 100 RPM, $0,200, 400 (\pm 5)$ Amp	Not to exceed pinpoints, Field Current rises with Load	X X	✓	
3-16	Speed Pickup (6000 ± 100 RPM)	Output 2.5 volts peak to peak min.	3.50	vdc	✓	
		Wave form shape	SINE	X X	✓	
3-17	Dielectric Strength 600 ± 10 VAC, RMS, 1.0 sec	5 mA maximum leakage current	4mA	amps	✓	
3-18	Acceleration 28.5 ± 0.1 VDC Supply Voltage (1783 lb, in ² Flywheel)	Peak Current (1500 - 2000 amps)	920	amps	✓	
		0 - 4000 ± 100 RPM within 15 seconds.	12.10	sec	✓	
3-19	Radial Vibration, 4000 - 7000 RPM	Within Limits (0.001 inch total max)	0.001	inch	✓	
3-20	Commutator Runout	Barto-Bar (not to exceed 0.0002 inch)	0.0001	inch	✓	
		TIR (not to exceed 0.0008 inch)	0.0004	inch	✓	
3-21	Bonding Resistance	0.0025 ohms (Max)	0.0020	ohms	✓	





Aero Instrument Service Limited
P.O. Box 44356-00100, Nairobi, Kenya.
FINAL INSPECTION FORM

AMO Ref:
K/AMO/L/016

JOB NUMBER	DATE	A/C REG	CUSTOMER
STG26-044	24/02/2026	5Y-JXL	JAMBOJET

PART NO	1152400-4 / 400SG168Q-2	TSN	10801.10	TSO	2261.50
SERIAL NO	0100-0154/2124	CSN	12317	CSO	0.0

NO.	JOB DESCRIPTION	DATE:	26/02/2026
		REMARKS	INSP by.
1.	Check torque of the rear lock nut.	DONE	PETER
2.	Check for proper alignment of damper system.	DONE	PETER
3.	Check for clearance of brush springs.	DONE	PETER
4.	Check for tightness of brush screws.	DONE	PETER
5.	Check for proper alignment of brush leads.	DONE	PETER
6.	Check for status of insulating tape on brush cover/bend.	DONE	PETER
7.	Check for proper fitting of brush cover and wire locking.	DONE	PETER
8.	Check for proper fitting of shroud or fan cover.	DONE	PETER
9	Check for proper installation of speed sensor.	DONE	PETER
10.	Check that all paper work is finalized, worksheets completed and CRS issued.	DONE	PETER
11.	Check all tools used are in their respective tool boxes and account for them in the list of tools.	DONE	PETER

Notes:

HIL

COMPLETED BY:

Name:	PETER NYAWADE	Signature:		Date:	26/02/26	Stamp:	
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AERO INSTRUMENT SERVICE LIMITED

Aero Instrument Service Limited
P.O. Box 44356-00100, Nairobi, Kenya.
AMO Ref:
K/AMO/L/016

CERTIFICATE OF RELEASE TO SERVICE CLASS 2

1. Approving Nation Aviation Authority/Country KENYA CIVIL AVIATION AUTHORITY		2. CRS Serial Number AISLSTG26-044	
3. To (Customer Details) JAMBOJET		4. Job Number STG26-044	
5. Item	6. Quantity	7. Description	8. Part Number
01	01	APU STARTER GENERATOR	1152400-4 / 400SG168Q-2
11. Component Life Status:		TSN: 10801.10	9. Serial Number 0100-0154/2124
12. Remarks:		10. Work Status OVERHAULED	
<ul style="list-style-type: none"> - Complete overhaul of starter generator carried out in accordance with component maintenance manual TM 110 Rev 7. - Stator passed insulation/hi-pot tests, Armature P/N 400SG2064 failed insulation/hi-pot test and growler checks, replaced with a rewound one. - All other parts inspected and found satisfactory. Unit assembled with hardwares from overhaul kit P/N 1152400-S2. Unit bench tested, all parameters found within limits. - This unit has been overhauled in compliance to the current SBs and SLs applicable to it at the time of this overhaul. - All pertinent details of work carried out and spares used are held at Aero Instrument Service Ltd under No. STG26-044. 			
Kenya Civil Aviation AMO Regulations in accordance with the current regulation. Tanzania Civil Aviation AMO Regulations in accordance with the current regulation. Uganda Civil Aviation AMO Regulations in accordance with the current regulation. Ethiopian Civil Aviation AMO Rules and Standards in accordance with the current regulation. <i>"The undersigned certifies that the work specified was carried in accordance with current regulations and in respect of that work the aircraft component is considered ready for release to service."</i>			
14. Name (Typed or Printed)	15. Date: (DD-MM-YYYY)	16. Authorized Signature	17. Authorization Number/Stamp
PETER NYAWADE	26/02/2026		
User/Installer Responsibilities			
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified on Block 1.</p> <p>Statements in Block 13 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user / installer before the aircraft may be flown.</p>			
Note: Valid only when signed, stamped and sealed.			
Installer must check component eligibility for installation with applicable technical data.			