



1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 14721	
4. Organization Name and Address: Nampa Valley Helicopters, Inc. 1870 W. Franklin Rd. Meridian, Idaho 83642 (FF6R533N)					5. Work Order/Contract/Invoice Number: WO# 17753		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	TAIL ROTOR GEAR BOX	350A33-0200-05	1	M257	REPAIRED		
12. Remarks: Nampa Valley Helicopters, Inc. certifies that the part or component identified herein has been Repaired in accordance with Airbus Helicopters Overhaul Manual, MRV Revision # 001 dated 2020/08/26 , has determined that the part or component herein is airworthy as stated in Block 14a dated 20/Feb/2024 and certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145. In respect to the work performed, the component is considered ready for release to service under EASA Part-145 Approval Number: 145.4688. TSN: 7424.1 TSO: 275.3							
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: FF6R533N	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14d. Name (Typed or Printed): ERNESTO MURILLO		14e. Date (dd/mmm/yyyy): 20/Feb/2024	
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 certification. 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: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 20241007	
4. Organization Name and Address: Benton Air Center INC 5BTR899C 2600 Gold RD, Redding California 96001				5. Work Order/Contract/Invoice Number: 20241007		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1.	Tail Rotor Gearbox	350A33-0200-05	1	M257	INSPECTED	
12. Remarks: Inspected as reference to Orion B2/B3 AMM. No defects noted at this time. TSO:286.6 HRS						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: 5BTR899C
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14d. Name (Typed or Printed): Steve Brown		14e. Date (dd/mmm/yyyy): 29/OCT/2024
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 certification. 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.						

Date 19-Feb-24

Work Order # 17753

Tail Rotor Gearbox

Part Number: 350A33-0200-05

Serial Number: M257

TTSN: 7424.1 TSO: 275.3

Gearset P/N 350A33-1091-00 S/N L8505

Pinion P/N 350A33-1000-21 S/N L11244

Ring Gear P/N 350A33-1001-21 S/N L10324

Gear Set has 7542.5 Hrs. remaining when installed on an **AS350BA** Model.

Gear Set has 3997.5 Hrs. remaining when installed on an **AS350B1** Model.

Gear Set has 3997.5 Hrs. remaining when installed on an **AS350B2** Model.

Gear Set has 3771.2 Hrs. remaining when installed on an **AS355F1** Model.

Gear Set has 2639.9 Hrs. remaining when installed on an **AS355F2** Model.

Gear Set has 1546.2 Hrs. remaining when installed on an **AS355N** Model.

Gear Set has 1319.6 Hrs. remaining when installed on an **AS355NP** Model.



Signature

Nampa Valley Helicopters

FAA 145 CRS FF6R533N

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	98-16	Page 1

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FICHE DE SUVI DU STOCKAGE DES ENSEMBLES MECANIQUES
DYNAMIC COMPONENTS STORAGE LOG CARD

ENSEMBLE :	TRGB ASSY	REFERENCE :	350A33-0200-05
ASSEMBLY :		PART/NUMBER :	
	N° DE SERIE :		
	SERIAL No. :	M257	

1 STOCKAGE - STORAGE

1.1 Date - Date

- Du stockage (neuf, remise en état ou RG) - Of storage (new, reconditioned or general overhaul)	Feb-2024
- Limite de validité du stockage (VOIR PAGE 2) - Storage limit date (SEE PAGE 2)	Feb-2025

1.2 Produits - Products

- Stockage interne C 609 (AIR1503 B type B) - Internal storage C 609 (AIR1503 B type B)	ROYCO 482 MIL-C-6529 T2
- Surfaces externes C 634 (WD 40) - External surfaces C 634 (WD 40)	

2 INSPECTIONS PERIODIQUES - PERIODIC INSPECTIONS

DATE	OBJET - SUBJECT	VISA*		DATE PROCHAINE-NEXT INSPECTION	OBSERVATIONS - REMARKS
		A.F	INSP		
-----	Paragraphe 1..... Page 2 <i>Paragraph</i>	-----	-----	-----	-----
-----	Paragraphe 1-2..... Page 2 <i>Paragraph</i>	-----	-----	-----	-----
-----	Paragraphe 1..... Page 2 <i>Paragraph</i>	-----	-----	-----	-----
-----	Paragraphe 1-2-3..... Page 2 <i>Paragraph</i>	-----	-----	-----	-----
-----	Paragraphe 1..... Page 2 <i>Paragraph</i>	-----	-----	-----	-----
-----	Paragraphe 1-2..... Page 2 <i>Paragraph</i>	-----	-----	-----	-----
-----	Paragraphe 1..... Page 2 <i>Paragraph</i>	-----	-----	-----	-----
-----	Paragraphe 1-2-3-4..... Page 2 <i>Paragraph</i>	-----	-----	-----	-----

VISA* : A.F = Agent fabrication INSP = Inspecteur
 Manufacturing agent Inspector

STOCKAGE DES ENSEMBLES MECANIQUES
STORAGE OF DYNAMIC COMPONENTS

1 TRAVAUX A EFFECTUER - WORK TO CARRY OUT

- 1.1 Déconditionnement. Examen visuel extérieur, contrôle sensitif des entrées.
Reconditionnement.

*Deconditioning. Visual external examination, sensory examination of input.
Reconditioning.*

- 1.2 Effectuer 1.1 + destockage (Externe, Interne) + sur :
Carry out 1.1 + De-storing (external, internal) + on :

- MRP : Dépose obturateur carter conique pour vérification de la corrosion.
- MRH : Remove conical casing blank to check for corrosion.
- BTP : Dépose obturateur supérieur + fond de boîte pour verification de la corrosion.
- MGB : Remove upper blank + gear box base to check for corrosion.
- BTA-BTI : Vérification de la corrosion avec un endoscope ou ouverture.
- TGB-IGB : Check for corrosion with an esdoscope or opening.

*Si une anomalie est constatée, démonter pour examen. Restockage et reconditionnement.
If a fault is found, dismantle for examination. Re-stocking and reconditioning.*

- 1.3 Effectuer 1.1 + 1.2 + échange des joints en élastomère.
Pour BTP-BTA-BTI effectuer un cycle de bon remontage (banc ou appareil). Restockage et reconditionnement.

*Carry out 1.1 + 1.2 + replacement of elastomer seals.
For MGB-TGB-IGB carry out a reassembly cycle (test bench or aircraft). Re-stocking and reconditioning.*


- 1.4 Effectuer 1.1 + 1.2 + 1.3 + échange des tuyauteries souples.
Restockage et reconditionnement.

*Carry out 1.1 + 1.2 + 1.3 + replacement of flexible tubes.
Re-stocking and reconditioning.*

2 CALENDRIER DES TRAVAUX - WORK SCHEDULE

TRAVAUX A EFFECTUER WORK TO CARRY OUT	NOMBRE D'ANNEES DE STOCKAGE APRES MONTAGE NUMBER OF STORAGE YEARS AFTER ASSEMBLY								OBSERVATIONS REMARKS
	1	3	4	5	6	8	9	10	
1.1	X	X	X	X	X	X	X	X
1.2		X		X			X	
1.3				X				
1.4								X

DUPLICATE

6 Modification and Service Bulletin checking Contrôle d'exécution des modifications et des Services Bulletins						
No. Numéro	Type of modification Nature de la modification	Performing unit or contractor Unité ou société d'exécution	Date of implementation and inspection stamp Date de mise en œuvre et attestation de contrôle			
1211 8524 8526 8528 8532 8533 8535 8536 8538 8543 8547		NVH	26 MAY 2022 			
5						
Contractor Unité ou société	Date Date	Aircraft Version and S/N Version et No Appareil	Operation Fonctionnement			Certification Attestation
			Support Support	Partial Partiel	Total Total	
SAC	5-31-22	350 B 2	207930	-	7488	Manuf/Receipt / * Fab/Reception
						Depreservation / * Destockage
						Period Overhaul / * V.P.
						Fitting / * Montage

LOG CARD / FICHE MATRICULE*		Log card N° Fiche N°	01
Follow-up Sheet for new equipment / Fiche suivie Matériel neuf*			
1 Material identification / Identification du matériel			
Name Dénomination	TAIL ROTOR GEAR BOX		
NATO Nomenclature Nomenclature OTAN	BOITE DE TRANSMISSION AR		
AIRBUS HELICOPTERS Part num Référence	350A33-0200-05		
Manufacturer's Part number Référence fabricant		NATO Manuf code Code OTAN fabricant	F0210
Delivery configuration Configuration de livraison		Version Version	B2
Serial number Numéro de série	M 257	Amendments Amendements	
Supplier Fabricant	Airbus Helicopters	Type Type	350A
2 Contract or order / Marché ou commande			
Reference Référence		Date Date	
Issuing agency Organisme émetteur		Batch N° N° de lot	
Contractor Fournisseur		Address Adresse	
3 Guarantee / Garantie			
Equipment Matériel	Date of delivery Date de livraison	Guaranteed storage period Durée garantie de stockage	Service date Date de mise en service
OV			Guarantee operation period Durée Garantie de fonctionnement
4 Special information / Renseignements particuliers			
Appendix to table 4: Annexe au tableau 4	YES OUI	<input type="checkbox"/> NO NON	Nb of sheets Nb de fiches
Inventory of life components: Inventaire des pièces à Durée de Vie	YES OUI	<input checked="" type="checkbox"/> NO NON	Nb of sheets Nb de fiches : 02
Transfer sheet: Fiche Matricule de Transfert	YES OUI	<input type="checkbox"/> NO NON	Nb of sheets Nb de fiches
Operating limit Limite de fonctionnement	3000 off		Life limit Limite de vie
			ATA 65

DUPLICATE

7										Successive status and minor/major maintenance and overhaul operations			350A33-0200-05	
										Positions successives et opérations d'entretien et de remise en état mineures et majeures			M 257	
Contractor Unité ou société	Date	Aircraft Version and S/N Version et N° Appareil	Operations / Fonctionnement			Unit / Unité:			Reason for transfer (code and symptoms) - Accomplished work - Replaced parts Motif du mouvement (code symptômes) - Travaux effectués - Pièces changées Successive status before A/C delivery - See front page of table 5 Positions successives avant livraison avion - Voir recto tableau 5					
			Support	Partial	Total	Support	Partial	Total						
NVH	26 May 2022			TSN	7148.8				VALIDATION OF THE EQUIPMENT LOG CARD, W/O#12586					
NVH									DUPLICATE LOG CARD INITIATED, CRS-FF6R533N					
NVH	26 May 2022			TSO	0.0				COMPLETE OVERHAUL W/O#12586, CRS-FF6R533N					
SAC	5-31-22	A5350 B2 S/N 2124	10793.0	0.0	7148.8				NS4754 Fast on B2/2124 W.O. 8136 CRS IVSR6555					
SAC	1-15-24	A5350 B2 S/N 2124	11068.3	225.3	7424.1				Removed from A5350 B2 S/N 2124 metal generation W.O. 8635 CRS IVSR6555					
NVH	20 Feb 2024			TSO: TSN:	275.3 7424.1				TIME CONTINUED REPAIR W/O 17753 CRS-FF6R533N					
SAC	3/21/24	30 B2 / 1924	11428.1	-	275.3				Fast 61-Box on B2/1924 work W.O. 08667 CRS IVSR6555					
WESTCAN	17 Oct 24	A5350 B2 1924	11434.4	14.3	286.6				REMOVED FROM NON INCIDENT PART					

DUPLICATE

INVENTORY OF COMPONENTS
INVENTAIRE DES COMPOSANTS

- 1 - Date of installation / Date de pose
- 2 - Serial number / Numéro de série
- 3 - Operating time of component /
Heures de fonctionnement du composant
- 4 - Operating time of assembly /
Heures de fonctionnement de l'ensemble
- 5 - Component number of cycles /
NB cycles du composant
- 6 - Assembly number of cycles /
NB cycles ensemble
- 7 - Version / Version

INSTALLATION POSE (*)			
1	3	5	7
2	4	6	

ASSEMBLY DESIGNATION DESIGNATION ENSEMBLE	ASSEMBLY REFERENCE REFERENCE ENSEMBLE	SERIAL NUMBER N° DE SERIE	VERSION VERSION
TAIL ROTOR GEAR BOX	350A33-0200-05	M 257	B2

COMPONENTS
COMPOSANTS

DESIGNATION REFERENCE	INSTALLATION POSE (J)				REPLACEMENTS ECHANGES (J)				SPECIAL INFORMATION RENSEIGNEMENTS PARTICULIERS
350A33-1000-21 BEVEL PINION	26May2022 L 11244	3283.0 7148.8	/////	B3					
350A33-1001-21 BEVEL WHEEL	26May2022 L 10324	3283.0 7148.8	/////	B3					
350A33-1090-01 MAIN HOUSING	26May2022 M 3757	8917.3 7148.8	/////	BA					
350A33-1092-01 SHAFT	26May2022 MA 148	3517.9 7148.8	/////	BA					
704A33-653-003 BEARING QTY:2	26May2022 11165, 10973	2363.0 7148.8	/////						
704A33-653-004 BEARING	26May2022 08655	0.0 7148.8	/////						
704A33-653-005 BEARING	26May2022 9192	0.0 7148.8	/////						

DUPLICATE

INVENTORY OF COMPONENTS
INVENTAIRE DES COMPOSANTS

- 1 - Date of installation / Date de pose
- 2 - Serial number / Numéro de série
- 3 - Operating time of component /
Heures de fonctionnement du composant
- 4 - Operating time of assembly /
Heures de fonctionnement de l'ensemble
- 5 - Component number of cycles /
NB cycles du composant
- 6 - Assembly number of cycles /
NB cycles ensemble
- 7 - Version / Version

INSTALLATION POSE (*)			
1	3	5	7
2	4	6	

ASSEMBLY DESIGNATION DESIGNATION ENSEMBLE	ASSEMBLY REFERENCE REFERENCE ENSEMBLE	SERIAL NUMBER N° DE SERIE	VERSION VERSION
TAIL ROTOR GEAR BOX	350A33-0200-05	M 257	B2

COMPONENTS
COMPOSANTS

DESIGNATION REFERENCE	INSTALLATION POSE (*)				REPLACEMENTS ECHANGES (*)				SPECIAL INFORMATION RENSEIGNEMENTS PARTICULIERS
350A33-1058-03 X CONTROL LEVER	26May2022	1992.9	////	B2					
	MA 2091	7148.8	////						
350A33-1526-00 CONTROL LEVER	20Feb2024	424.0	////	B2	17 Oct 24	435.3	-	B2	
	MA84803	7424.1	////		MA84803	7435.4	-		