List of applicable publications

ASH 31 Mi

Alexander Schleicher GmbH & Co.
Segelflugzeugbau

Alexander-Schleicher-Straße 1
D-36163 Poppenhausen
(Wasserkuppe)

Section A: Manuals

Doc.-Number	Name	Issue	Date	Applicability												Remarks
				Model	Serial-Numbers	EASA	UK	Australia	Brazil	Canada	New Zealand					
Aircraft flight manuals																
---	Flughandbuch für den eigenstartfähigen Motorsegler mit der Bezeichnung ASH 31 Mi (German)	---	01.10.2011	ASH 31 Mi	all	X	-	-	-	-						
---	Flight manual for the powered sailplane ASH 31 Mi (English)	---	01.10.2011	ASH 31 Mi	all	X	X	X	X	X	X					
Supplements to aircraft flight manual																
---	---	---	---	---	---											
Aircraft maintenance manuals																
---	Wartungshandbuch für den eigenstartfähigen Motorsegler ASH 31 Mi (German)	---	01.10.2011	ASH 31 Mi	all	X	-	-	-	-	-					
---	Maintenance manual for the powered sailplane ASH 31 Mi (English)	---	01.10.2011	ASH 31 Mi	all	X	X	X	X	X	X					
Supplement to aircraft maintenance manuals																
---	Ergänzung LR – Neuer Laderegler (German)	---	08.07.2022	ASH 31 Mi	all	X	-	-	-	-	-					For aircrafts with regulator P/N R1A-09-000-901 at the Austro engine
	Supplement LR – New regulator (English)					X	X	X	X	X	X					

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Doc.-Number	Name	Issue	Date	Applicability												Remarks
				Model	Serial-Numbers	EASA	UK	Australia	Brazil	Canada	New Zealand					
---	Ergänzung LF - Neuer Filter für Innenluftkühlung (German)	---	26.06.2023	ASH 31 Mi	all	X	-	-	-	-	-						For aircraft with TN 16 only
	Supplement LF - New fan air filter (English)					X	X	X	X	X	X						
Aircraft repair manuals																	
---	Reparaturhandbuch (German)	---	13.04.1999	ASH 31 Mi	all	X	-	-	-	-	-						
---	Repair manual (English)	---	13.04.1999	ASH 31 Mi	all	X	X	X	X	X	X						
Supplement to aircraft repair manuals																	
---	Technische Mitteilung Nr. 01-99 für alle Flugzeugmuster in Faser-verbundbauweise (German)	---	12.03.1999	ASH 31 Mi	all	X	-	-	-	-	-						
---	Technical note No. 01-99 for all aircraft types of glass fiber & fiber composite construction (English)					X	X	X	X	X	X						
---	Technische Mitteilung Nr. 03-99 für alle Flugzeugmuster der ASH, ASK & ASW-Baureihen (German)	---	26.03.1999	ASH 31 Mi	all	X	-	-	-	-	-						
---	Technical note No. 03-99 for all aircraft of the production series ASH, ASK & ASW (English)					X	X	X	X	X	X						

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Doc.-Number	Name	Issue	Date	Applicability												Remarks
				Model	Serial-Numbers	EASA	UK	Australia	Brazil	Canada	New Zealand					
---	Technische Mitteilung Nr. 02-99 für alle Flugzeug- und Propeller-muster (German)	04	21.02.2023	ASH 31 Mi	all	X	-	-	-	-	-						
---	Technical note No. 02-99 for all aircraft and propeller types (English)					X	X	X	X	X	X						

Section B: Maintenance Instructions

Doc.-Number	Name	Issue	Date	Applicability												Remarks
				Model	Serial-Numbers	EASA	UK	Australia	Brazil	Canada	New Zealand					
Type-specific maintenance instructions																
---	ASH 31 Mi Wartungsanweisung A „Elastische Abdeckbänder und Zackenbänder“ (German)	02	16.03.2015	ASH 31 Mi	all	X	-	-	-	-	-						
	ASH 31 Mi Maintenance instruction A “Elastic fairing tapes and turbulators” (English)					X	X	X	X	X	X						
---	ASH 31 Mi Wartungsanweisung B „Reparaturanweisung im Cockpitbereich“ (German)	01	01.10.2011	ASH 31 Mi	all	X	-	-	-	-	-						
	ASH 31 Mi Maintenance instruction B “Repair instruction for cockpit area” (English)					X	X	X	X	X	X						
---	ASH 31 Mi Wartungsanweisung „Zündkerzenwechsel“ (German)	---	01.10.2011	ASH 31 Mi	all	X	-	-	-	-	-						
	ASH 31 Mi Maintenance instruction „Exchange of spark plugs“ (English)					X	X	X	X	X	X						

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Doc.-Number	Name	Issue	Date	Applicability												Remarks
				Model	Serial-Numbers	EASA	UK	Australia	Brazil	Canada	New Zealand					
General maintenance instructions																
---	Wartungsanweisung „Brandschutzfarbe im Motorraum“ (German)	03	07.07.2022	ASH 31 Mi	all	X	-	-	-	-	-						
	Maintenance instruction “Fire protection paint in the engine compartment“ (English)					X	X	X	X	X	X						
---	Wartungsanweisung „Alle GFK-Muster“ (German)	02	02.11.2020	ASH 31 Mi	all	X	-	-	-	-	-						
	Maintenance instruction „All FRP glider models“ (English)					X	X	X	X	X	X						
---	Wartungsanweisung Einbau- und Prüfanweisung für flexible Kraftstofftanks (German)	01	31.08.2017	ASH 31 Mi	all	X	-	-	-	-	-						
	Maintenance instruction installation and inspection instruction for flexible fuel tanks (English)					X	X	X	X	X	X						
---	Wartungsanweisung über den Einbau von Ausrüstung (German)	02	25.04.2016	ASH 31 Mi	all	X	-	-	-	-	-						
	Maintenance instruction installation of equipment (English)					X	X	X	X	X	X						

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Doc.-Number	Name	Issue	Date	Applicability												Remarks
				Model	Serial-Numbers	EASA	UK	Australia	Brazil	Canada	New Zealand					
---	Triebwerk AE50R / IAE50R-AA Wartungsanweisung „Einstellen des Zahnriemens“ (German)	01	27.08.2007	ASH 31 Mi	all	X	-	-	-	-	-						
	Power-plant AE50R / IAE50R-AA Maintenance instruction “Adjusting the drive belt” (English)					X	X	X	X	X	X						
---	ASH 26 E / ASH 25 M(i) – Wartungsanweisung „Kraftstoff“ (German)	02	01.11.2001	ASH 31 Mi	all	X	-	-	-	-	-						
	ASH 26 E / ASH 25 M(i) – Maintenance instruction “Fuel” (English)					X	X	X	X	X	X						
---	Entlüften der Ölleitungen und der Ölpumpe bei Wankeltriebwerken (German)	A	22.06.2026	ASH 31 Mi	all	X	-	-	-	-	-						
	Bleeding the oil lines and the oil pump of rotary engines (English)					X	X	X	X	X	X						
---	Wartungsanweisung „LACKRISSE“ (German)	---	26.06.1989	ASH 31 Mi	all	X	-	-	-	-	-						
	Maintenance instruction “PAINT CRACKS” (English)					X	X	X	X	X	X						

Section C: Service Bulletins

Doc.-Number	Name	Issue	Date	Applicability: Model	Serial No.	EASA	UK	Australia	Brazil	Canada	New Zealand						categorisation[1]	manual rev.[2]	urgency	Remarks
Type-specific service bulletins																				
ASH 31 Mi TN No. 2	Austausch des lenkbaren Spornrades (German)	---	10.04.2014	ASH 31 Mi	all	X	-	-	-	-	-						O	AFM AMM	none	
	Exchange of the steerable tailwheel (English)					X	X	X	X	X	X									
ASH 31 Mi TN No. 4	Verwendung des ILEC-Gerätes in der kleinen Bauform (German)	---	16.03.2015	ASH 31 Mi	all	X	-	-	-	-	-						O	AFM AMM	none	
	Installation of the smaller version of the ILEC instrument (English)					X	X	X	X	X	X									
ASH 31 Mi TN No. 5	Neue Kalibrierung der Innenkühllufttemperatur in Abhängigkeit der Temperaturfühlerposition (German)	---	20.04.2015	ASH 31 Mi	all	X	-	-	-	-	-						O	AFM AMM	none	
	New calibration of the rotor internal cooling temperature depending on the position of the temperature sensor (English)					X	X	X	X	X	X									

[1] M = Mandatory, R = Recommended, O = Optional
[2] AFM = Revision of Flight Manual, AMM = Revision of Maintenance Manual, -Sup = New supplement to AFM / AMM

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Doc.-Number	Name	Issue	Date	Applicability												categorisation[1]	manual rev.[2]	urgency	Remarks
				Model	Serial No.	EASA	UK	Australia	Brazil	Canada	New Zealand								
ASH 31 Mi TN No. 6	Automatische Abschaltung beim Betankungsvorgang (German)	---	16.03.2015	ASH 31 Mi	all	X	-	-	-	-	-					O	AFM	none	
	Automatic shut-off system for refuelling (English)					X	X	X	X	X	X								
ASH 31 Mi TN No. 7	Ausblasung, NACA-Hutzen und Zackenband: Zeichnungsänderung Wartungsanweisung A in der Ausgabe 2 vom 16.03.2015 (German)	---	16.03.2015	ASH 31 Mi	all	X	-	-	-	-	-					O	AMM	none	
	Blow holes, NACA inlets and Zig-Zag-Tape: Drawing rev., maintenance instruction A issue II 16.03.2015 (English)					X	X	X	X	X	X								
ASH 31 Mi TN No. 8	Selbsttätiges Lösen einer Schraubverbindung in den Federbeinen des Hauptfahrwerks (German)	---	26.09.2016	ASH 31 Mi	all	X	-	-	-	-	-					M	---	31.12.2017	
	Self-loosening of a bolted assembly inside the shock absorbing struts of the main landing gear (English)					X	X	X	X	X	X								

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Doc.-Number	Name	Issue	Date	Applicability												categorisation[1]	manual rev.[2]	urgency	Remarks
				Model	Serial No.	EASA	UK	Australia	Brazil	Canada	New Zealand								
ASH 31 Mi TN No. 9	Fehlermeldung bei Kalibrierung des Tankinhalts bei der kleinen ILEC-Triebwerk-Bedieneinheit entsprechend TM 04 (German)	---	26.09.2016	ASH 31 Mi	all serial numbers equipped with the small ILEC acc. TN 04	X	-	-	-	-	-						R	---	none	
	Calibrating the fuel contents with the small ILEC engine control unit according to TN 04 is generating an error message (English)					X	X	X	X	X	X								
ASH 31 Mi TN No. 10	Alternative hydraulische Bremsanlage TOST (German)	II	12.06.2024	ASH 31 Mi	all	X	-	-	-	-	-						O	AMM	none	
	Alternative hydraulic wheel brake system TOST (English)					X	X	X	X	X	X								
ASH 31 Mi TN No. 11	Aktualisierung der Spezifikation für flexible Kraftstofftanks (German)	---	15.09.2017	ASH 31 Mi	all	X	-	-	-	-	-						M	AMM	none	
	Specification update of the flexible fuel tanks (English)					X	X	X	X	X	X								

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Doc.-Number	Name	Issue	Date	Applicability											categorisation[1]	manual rev.[2]	urgency	Remarks
				Model	Serial No.	EASA	UK	Australia	Brazil	Canada	New Zealand							
ASH 31 Mi TN No. 12	Verbesserung des Kennfelds der neuen IAE50R ECU mit den Seriennummern „AE00XXX“ die ab 2014 serienmäßig eingesetzt wurden (German)	---	22.05.2018	ASH 31 Mi	all	X	-	-	-	-	-					M	---	During the next engine maintenance or next annual C of A inspection.	
	Improvement of the performance map of the new IAE50R-AA ECU with serial numbers "AE00XXX" which were installed as standard from 2014 onwards (English)					X	X	X	X	X	X							
ASH 31 Mi TN No. 13	1.) Verbesserung der Kühlwassertemperaturanzeige der ILEC-Triebwerk-Bedieneinheit mit 57mm Instrumentendurchmesser. 2.) Verbesserung der Zuordnung der beiden Zündkreise zu entsprechenden Sicherungen (German)	---	22.05.2018	ASH 31 Mi	all serial numbers equipped with the small ILEC acc. TN 04	X	-	-	-	-	-					R	---	none	
	1.) Improvement of the liquid cooling temperature display of the ILEC power-plant control unit with an instrument diameter of 57mm. 2.) Improved assignment of the two ignition circuits to corresponding fuses (English)					X	X	X	X	X	X							

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Doc.-Number	Name	Issue	Date	Applicability												categorisation[1]	manual rev.[2]	urgency	Remarks
				Model	Serial No.	EASA	UK	Australia	Brazil	Canada	New Zealand								
ASH 31 Mi TN No. 14	Änderung der Abdeckhutzen und Verschraubung an Querrudern und Wölbklappen (German)	---	31.10.2018	ASH 31 Mi	all	X	-	-	-	-	-					O	---	none	
	Change of the fairings and screw connections of ailerons and flaps (English)					X	X	X	X	X	X								
ASH 31 Mi TN No. 15	Fehlerbehebung Triebwerksinstrument (German)	---	02.03.2023	ASH 31 Mi	all serial numbers equipped with the small ILEC acc. TN 04	X	-	-	-	-	-					O	---	none	
	Bug fix power-plant instrument (English)					X	X	X	X	X	X								
ASH 31 Mi TN No. 16	Alternativer Luftfilter der Innenkühlluft (German)	---	07.08.2023	ASH 31 Mi	all	X	-	-	-	-	-					O	AMM -Sup	none	
	Alternative rotor cooling air intake filter (English)					X	X	X	X	X	X								
310.99.0001	ASH 31 Mi – TM 17 Kraftstoff-Hauptfilter (German)	00	09.10.2023	ASH 31 Mi	all	X	-	-	-	-	-					O	AMM -Sup	none	
	ASH 31 Mi – TN 17 Fuel main filter (English)					X	X	X	X	X	X								

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Doc.-Number	Name	Issue	Date	Applicability: Model	Applicability: Serial No.	Applicability: EASA	Applicability: UK	Applicability: Australia	Applicability: Brazil	Applicability: Canada	Applicability: New Zealand	categorisation[1]	manual rev.[2]	urgency	Remarks
General service bulletins															
TN No. 02-99	Neues Finish für Glasfaser-gewebe (German)	IV	21.02.2023	ASH 31 Mi	all	X	-	-	-	-	-	O	---	none	
	New finish for glass fiber cloth (English)					X	X	X	X	X	X				
TM Nr. 01-2005	Verwendung von Hart-schaumstoff gemäß Werk-stoff-Leistungsblatt 5.1460.2 (German)	---	24.02.2005	ASH 31 Mi	all	X	X	X	X	X	X	O	---	none	
TN No. 02-2005	Anerkannte Reparaturverfah-ren nach EU-VO 1702/2003, Teil 21, Abschnitt M (German)	---	24.05.2005	ASH 31 Mi	all	X	-	-	-	-	-	O	---	none	
	Approved repair procedures according to EU-VO 1702/2003, Part 21, sec-tion M (English)					X	X	X	X	X	X				
TN No. 02-2008	Anweisung für den Einbau von Ausrüstung (German)	04	21.02.2023	ASH 31 Mi	all	X	-	-	-	-	-	O	---	none	
	Instruction for the installation of equipment (English)					X	X	X	X	X	X				
99-099-0006-00	TN 03-2008 Fibre types for glass fibre rovings	02	10.09.2026	ASH 31 Mi	all	X	X	X	X	X	X	O	---	none	

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Doc.-Number	Name	Issue	Date	Applicability												categorisation[1]	manual rev.[2]	urgency	Remarks
				Model	Serial No.	EASA	UK	Australia	Brazil	Canada	New Zealand								
TN No. 01-2013	Ersatz der Sandwich-Matte U-PICAMAT durch das Stützmaterial Lantor LRC Soric (German)	---	01.05.2023	ASH 31 Mi	all	X	-	-	-	-	-					O	---	none	
	Replacement of sandwich-core U-PICAMAT through Lantor LRC Soric (English)					X	X	X	X	X	X								
TN No. 02-2013	Verwendung von Pyrofil TR30S- 3K (German)	03	21.02.2023	ASH 31 Mi	all	X	-	-	-	-	-					O	---	none	
	Usage of Pyrofil TR30S- 3K (English)					X	X	X	X	X	X								
99-099-0005-00	TN 01-2020 Replacement for polyester fleece PKM 80, Molton or Flanell 406 (English)	04	08.09.2026	ASH 31 Mi	all	X	X	X	X	X	X					O	---	none	
TN No. 02-2020	Einbau AIR Control Display 57 (ACD-57) als primärer Höhenmesser (German)	02	21.02.2023	ASH 31 Mi	all	X	-	-	-	-	-					O	---	none	
	Installation of AIR Control Display 57 (ACD-57) as primary altimeter (English)					X	X	X	X	X	X								

Section D: Service Information

Doc.-Number	Name	Issue	Date	Applicability: Model	Serial No.	EASA	UK	Australia	Brazil	Canada	New Zealand					categorisation[3]	manual rev.[4]	urgency	Remarks
99.090.9028	Arbeitsanweisung “Einbau Flarmantenne hinter FW-Klappe” (German)	D	05.01.2023	ASH 31 Mi	all	X	X	X	X	X	X					O	---	none	
---	Ladebuchsen Steckerbelegung	---	21.09.2015	ASH 31 Mi	all	X	X	X	X	X	X					O	---	none	
ASH 31 Mi TN No. 3	Problembeseitigung an der Motorsteuereinheit (ECU) (German)	---	19.09.2014	ASH 31 Mi	all	X	-	-	-	-	-					see: Austro Engine GmbH Mandatory Service Bulletin No. MSB-AE50R-006 www.austroengine.at			
	Trouble shooting of the engine control unit (ECU) (English)					X	X	X	X	X	X								
99-099-0001-00	Service Information – Additional engine oils for rotary engine AE50R series	00	10.10.2024	ASG 32 Mi	all	X	X	X	X	X	X					O	---	none	

[3] M = Mandatory, R = Recommended, O = Optional
[4] AFM = Revision of Flight Manual, AMM = Revision of Maintenance Manual, -Sup = New supplement to AFM / AMM

Section E: Notes

1. For countries not listed in the tables the owner/operator of the aircraft has to check the applicability of the respective Manual/Service-Bulletin/Service-Info based on the national legal regulations.
2. Mandatory and recommended Service-Bulletins or Service-Information has to be followed by the owner/operator of the aircraft. Non-compliance leads to exclusion of any liability.
3. The applicability of Revisions or Supplements to approved manuals (Flight / Maintenance / Repair) depends on the configuration of the aircraft and has to be checked for each individual serial number.

Section F: Change Record

Issue	Date	Changes
00	12.12.2023	Initial issue
01	12.06.2024	Issue II of service bulletin ASH 31 Mi TN No. 10
02	10.10.2024	Service information 99-099-0001-00 and section F amended
03	22.06.2026	Issue A of maintenance instruction “Bleeding the oil lines and the oil pump of rotary engines”
04	08.09.2026	Issue 04 of general service bulletin 99-099-0005-00
05	10.09.2026	Issue 02 of general service bulletin 99-099-0006-00