Table of AD-Notes and Technical Notes

ALEXANDER SCHLEICHER
GMBH & CO
Segelflugzeugbau
D-36163 Poppenhausen

Type: ASK 21 Data Sheet No.: EASA.A.221

License: **DE.21G.0010**

TN-No	AD-No. Issue Date	TN Issue Date	Version & Serial no.s affected	Subject	Compliance	Inspec-tion Ref.
1		**06.05.80** **LBA- app.:14.05.80**	all ASK 21 for registration in the Netherlands	Änderung von V_{NE} und zusätzlicher Stacheldrahtschutz (Issue only in german language)	only for Export to Netherland	
2		**26.08.80** **LBA-app.:16.09.80**	all ASK 21	Installation of inflatable tail wheel	none, optional mod only	
3		**27.10.80** **LBA-app.:30.10.80**	all ASK 21	Einbau einer Gewichtstrimmung (Issue only in german language)	none, optional mod only	
4		**14.11.80** **LBA-app.:29.03.82**	all ASK 21 gliders for Switzerland and Australia only	Trim ballast for spin instruction	none, optional mod only	
4 a		**25.11.04** **EASA-app.: 10.12.04**	all ASK 21	Trim ballast for spin flights (spin ballast)	none, optional mod only	
4 b	**EASA AD 2013-0123** **05.06.13** **LBA LTA 2013-161** **10.06.13**	**12.12.12** **EASA-appr.: 12.03.13**	all ASK 21 except U.S. registered ASK 21, which are operated with the FAA-approved manuals	A) If yet no attachment for spin ballast at the tail has been installed, action A has to be accomplished. B) If Technical Note 4 has already been carried out on the glider, action B has to be accomplished. C) If Technical Note 4 has already been carried out on the glider, action C has to be accomplished.	A) Optional, on owner's request B) Before the next flight with spin ballast, but not later than 31. May 2013 C) Before the next flight with spin ballast, but not later than 31. May 2013	

TN-No	AD-No. Issue Date	TN Issue Date	Version & Serial no.s affected	Subject	Compliance	Inspec-tion Ref.
4 b Issue for US regis-tered gliders	**Docket No. FAA–2014–0019** **March 19, 2014**	**31.10.13** **EASA-appr.: 12.03.13**	all U.S. registered ASK 21, which are operated with the FAA-approved manuals	A) If yet no attachment for spin ballast at the tail has been installed, action A has to be accomplished. B) If Technical Note 4 has already been carried out on the glider, action B has to be accomplished. C) If Technical Note 4 has already been carried out on the glider, action C has to be accomplished.	A) Optional, on owner's request B) Before the next flight with spin ballast, but not later than June 7, 2014 C) Before the next flight with spin ballast, but not later than June 7, 2014	
5 a		**26.03.81** **LBA-app.: 22.04.81**	all ASK 21 as of S/N 21053	Modification of the toe-straps of the front rudder pedals	serial version for new production	
5 b	**81-92** **18.05.81**	**26.03.81** **LBA-app.: 10.04.81**	all ASK 21	Modification of the Flight Manual and of the cockpit placards	action to be accomplished after the effective date of this AD	
6		**26.03.82** **LBA-app.:05.04.82**	all ASK 21	Modification of the Flight Manual	at need	
7		**15.12.82** **LBA- app.:30.12.82**	all ASK 21	Modification of the suspendition of the trim ballast	none, optional mod only	
8		**16.05.83** **LBA- app.:13.06.83**	all ASK 21	Modification of the Flight Manual	at need	
9		**24.02.83** **LBA-app.:03.11.83**	all ASK 21 for Export USA	Procedure to obtain a standard C.of A. according to FAR 21.29 for prematurely exported glider	only for Export to USA	
10	**84-2** **13.01.84**	**10.10.83** **LBA-app.:20.12.83**	all ASK 21 as of S/N 21001 until 21196	Modification of the release cable fairlead	at the latest respectively **01.03.1984**	

TN-No	AD-No. Issue Date	TN Issue Date	Version & Serial no.s affected	Subject	Compliance	Inspec-tion Ref.
11		**20.12.83** **LBA-app.:09.03.84**	all ASK 21 as of S/N21206 incl. serial standard	Automatic elevator connection	optional mod only serial version for new production	
12		**16.01.84** **LBA-app.:30.01.84**	all ASK 21 for Export France	Modification for the certification for Import in France	only for Export to France	
13	**84-32** **06.03.84**	**16.02.84** **LBA-app.:23.02.84**	all ASK 21	Modification of the Flight Manual	replaced from TN no. 13a	
13a	**84-32/2** **12.06.84**	**04.06.84** **LBA-app.:06.06.84**	all ASK 21	Amendment to the Flight Manual (only for the English version)	--	
14		**16.05.84** **LBA-app.:28.05.84**	all ASK 21	Amendment to the Maintenance Manual (only for the English version)	--	
15		**25.05.84** **LBA-app.:08.06.84**	all ASK 21 S/N 21223 and as of S/N 21233 serial standard	New canopy locking system	optional mod only serial version for new production	
16		**12.09.84** **LBA-app.:24.09.84**	all ASK 21 as of S/N 21233 serial standard	Folding up of front cockpit instrument panel	none; with new-built gliders only respectively optional modification on customer's request	
	82-216 **09.11.82**	**without**	all ASK 21	Speezed "Nico-press" sleeves	action to be accomplished until the next annual C. of A. inspection, but before or on **31.01.1983**, at the latest	
17	**84-180** **25.10.84**	**01.10.84** **LBA-app.:16.10.84**	all ASK 21 as of S/N 21194 until 21228 incl.	Inspection of the wheel box cut-out in the fuselage	checking to the next take-off	

TN-No	AD-No. Issue Date	TN Issue Date	Version & Serial no.s affected	Subject	Compliance	Inspec-tion Ref.
18		**16.07.85** **LBA-app.:18.07.85**	all ASK 21 as of S/N 21001 until 21262 incl. as of S/N 21263 serial standard	Inspecting trim indicator and reinforcing bowden cable flexible steel hose	action to be accomplished until the next annual C. of A. inspection, but before or on **31.03.1986**, at the latest	
19	**86-236** **18.11.86**	**22.10.86** **LBA-app.:29.10.86**	all ASK 21 as of S/N 21001 until 21312 incl. as of S/N 21313 serial standard	Inspection and exchange of the rudder pedal support fittings	checking to the next take-off	
20	**88-2** **18.01.88**	**16.10.87** **LBA-app.:03.11.87**	all ASK 21 as of S/N 21001 until 21345 incl.; as of S/N 21346 serial standard	1. Inspection of the rudder pedals. 2. Change/supplement to the Flight and Maintenance Manuals in order to provide the owners with new inspection and assembly instructions. 3. Inspection and exchange of the airbrake bellcrank in the fuselage. 4. Inspection and if the case arises, reinforcement of the rear canopy hinge.	actions under points 1.1, 1.2, 3.1, 3.2, 4.1 and 4.2 prior to the next take-off. The action under point 4.3 is optional. All other actions until the next annual glider re-inspection, however, at the latest by **April 30, 1988**.	
21		**17.01.90** **LBA-app.:01.03.90**	all ASK 21	New production series tow release couplings for aerotow and winch launch	none, applicable to new built gliders and in case of replacement of tow release couplings	
22	**90-350** **18.12.90**	**26.11.90** **LBA-app.:04.12.90**	all ASK 21 S/N 21206 thru 21473 and earlier S/N which were retrofitted with an automatic elevator connection according to TN no. 11 as of S/N 21346 serial standard	Checking the parallel rocker (at the elevator actuator rod) in the fin. Exchange of this part and amendment to the Flight Manual.	Checking and –in case of damages found- exchanging the part prior to the next take-off. Otherwise the exchange has to be done until the next annual re-inspection, but not later than **April 31, 1991**	
23	**91-112** **19.06.91**	**29.01.91** **LBA-app.:08.04.91**	all ASK 21 as of S/N 21001 until 21495 incl. as of S/N 21496 serial standard	Revision of the Flight Manual (FM)	exchange of the revised FM-pages for the next annual inspection	
24	**94-026** **01.02.94**	**04.05.92** **LBA-app.:01.10.92**	all ASK 21 as of S/N 21001 until 21554 incl.; as of S/N 21555 serial standard	A) Amendment of the Maintenance Manual B) Inspection Program to increase the Service Life	**A)** by the next anual C. of A. inspection, but not later than **Dec. 31, 1994** B) prior to reaching a service life of 3000 hours	

TN-No	AD-No. Issue Date	TN Issue Date	Version & Serial no.s affected	Subject	Compliance	Inspec-tion Ref.
--	**1993-001/3** 09.04.98 supersedes 93-001/2 dated 20.04.94 and 93-001 dated 03.03.93	**without**	all ASK 21	Locking of L'Hotellier connectors	action to be accomplished until the next annual C. of A. inspection, but before or on 30.04.1994, at the latest respectively **May 15,1998**	
25		**16.02.93** **LBA-app.:17.06.93**	all ASK 21	Rudder actuated by means of a hand lever at the left cockpit wall in the front pilot seat	none, optional mod only	
26	**93-186** **15.09.93**	**01.07.93** **LBA-app.:24.08.93**	all ASK 21 as of S/N 21001 thru 21205 incl.; except those which have already been modified according to TN no. 11	Inspecting the elevator push rod	Must be accomplished with the next annual C. of. A. inspection, but before or on **March 31, 1994**, at the latest	
27		**04.08.93** **LBA-app.:06.09.93**	all ASK 21	Securing of L'HOTELLIER quick-release connectors (ball and swivel joints) as per Airworthiness Directive (AD) "93-001 L'HOTELLIER" of the German Civil Aviation Authority (LBA) dated March 3, 1993	none	
28		**28.06.99** **LBA-app.: 14.03.00**	all ASK 21	Nose bolt with O-Ring for horizontal tail	optional standard on new production gliders	
29		**25.07.03** **LBA-app.: 10.09.03**	all ASK 21	Extension of service life beyond 12000 operation hours	None, only when 12000 hours of operation are exceeded	
30		**22.01.07** **EASA-app.: 02.02.07**	all ASK 21	1.) Rudder control by hand for the rear pilot seat as an amendment to TN 25. (with a lever at the left cockpit wall) 2.) Relocation of the towing cable release handle in the front and the rear seat.	None, optional on customers request	

TN-No	AD-No. Issue Date	TN Issue Date	Version & Serial no.s affected	Subject	Compliance	Inspec-tion Ref.
31		**05.02.08** **EASA-app.: 11.01.08**	all ASK 21	Installation of a transponder antenna inside the fuselage behind the landing gear	None, optional on customers request	
32		**01.06.10** **EASA-app.: 18.08.10**	all ASK 21	Headrest for the front seat	None, optional on customers request	
33 Issue 02		**21.10.26** **EASA-app.: 18.08.10**	all ASK 21	Alternative rim for main wheel	None, optional on customers request	
34		**01.03.12** **EASA-app.: 30.05.12**	all ASK 21	A) Main wheel with larger diameter B) Main wheel fairing with more ground clearance C) Wheels at the wing tips instead of skids	None, optional on customers request	
35		**01.03.12** **EASA-app.: 30.05.12**	all ASK 21	A) Extended diagram for mass and c.g. of the empty glider B) Seat of the pilot in command	None, optional on customers request	
36		**01.03.12** **EASA-app.: 30.05.12**	all ASK 21 with Technical Note 15 installed	Modification of the lever, which prevents the front canopy to be locked, while the rear canopy is unlocked	None, optional on customers request	
37		**29.03.16** **EASA-app.: 19.05.16**	all ASK 21	Wheel Brake Lever on the Stick	None, optional on customers request	
38	**2016-0192** **28.09.16**	**31.05.16** **EASA-app.: 12.07.16**	all ASK 21 equipped with TN 25 or TN 30	Inspection of the rudder control by a hand lever (TN 25 / TN 30)	Until the next C of A inspection, at the latest by 31 December 2016	

TN-No	AD-No. Issue Date	TN Issue Date	Version & Serial no.s affected	Subject	Compliance	Inspec-tion Ref.
39		**01.08.17** **EASA-app.: 19.05.16**	all ASK 21	Modified brake fluid expansion tank	None, optional on customers request	
40		**24.09.18** **EASA-app.: 22.10.18**	all ASK 21	General improvements	On new production or optional on owners request	
41 Issue II		**07.08.23** **EASA-app.: 31.07.23**	all ASK 21	Cracks in the bonding of the wing root rib	Action 1 “Inspection for Cracks” until 31.12.2019 at the latest, afterwards annual Actions 2 if necessary	
42 Issue II		**15.10.20** **EASA-app.: 07.09.20**	all ASK 21	Specification of service life limitations for the brake hoses of the hydraulic wheel brake	Optional	
43		**04.11.20** **EASA-app.: 18.12.20**	all ASK 21	Clevis pins on the connection point of control cable and rudder	Optional, in case of wear of the brass bushings	
44		**16.11.20** **EASA-app.: 18.12.20**	all ASK 21	Towing cable release handle in the front cockpit moved upwards	Optional	
45		**05.05.22** **EASA-app.: 16.06.21**	all ASK 21 equipped with TN 25 or TN 30	Hand lever for rudder control	Optional	
46		**07.08.23** **EASA-app.: 31.07.23**	all ASK 21	Tost main brake cylinder	Optional	

TN-No	AD-No. Issue Date	TN Issue Date	Version & Serial no.s affected	Subject	Compliance	Inspec-tion Ref.
47		**01.02.26** **EASA-app.: 02.06.26**	all ASK 21	Self-locking nut rudder attachment	Optional	