

## SERVICE LETTER

No. SL-300-1-14

**FOR INFORMATION**

**TO:** Owners and Operators of EXTRA EA 300 and Series Airplanes

**SUBJECT:** Propeller blade lag screws replacement of MT-Propeller products (MT-Propeller SB N° 30).

**AFFECTED:** EXTRA EA 300 and Series Airplanes equipped with either of these MT-Propellers:  
MTV-9-B-C/C200-15, MTV-9-B-C/C198-25;  
MTV-12-B-C/C183-17e, MTV-14-B-C/C190-17,  
MTV-14-B-C/C190-130

MT-Propeller requires replacement of propeller blade lag screws of a certain blade production lot manufactured from Nov. 2013 until Oct. 2014.

The return of MT-Propeller products to EXTRA Flugzeugproduktions- und Vertriebs- GmbH for warranty consideration is not necessary or recommended.

MT-Propeller SB N° 30 (original issue) is reprinted in its entirety in the following. This reprint is current at the time Service Letter SL-300-1-14 is issued. However, when complying with this Service Letter, insure that this reprint of MT-Propeller Service Bulletin SB N° 30 is still current at the time of compliance.

Any questions regarding warranty of MT-Propeller components should be directed to:

MT-Propeller Entwicklung GmbH  
Airport Straubing-Wallmühle  
94348 Atting, GERMANY  
Tel: +49-(0)9429-9409-0  
Fax: +49-(0)9429-8432

The list of repair and maintenance centers authorized by MT-Propeller is subject to change. In order to be assured of the most recent contact information, please use the following sources.

1. See the MT-Propeller website:  
<http://www.mt-propeller.com>
2. Contact MT-Propeller at:  
[techsupport@mt-propeller.com](mailto:techsupport@mt-propeller.com)



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**Subject:** Replacement of Blade Lag Screws of a certain production lot.

**Affected Propeller** :a: All new MTV-5-(), MTV-9-(), MTV-11-(), MTV-12-(), MTV-14-(), MTV-15-(), MTV-16-(), MTV-17-(), MTV-18-(), MTV-20-(), MTV-23-(), MTV-27-() manufactured from Nov 2013 until October 2014 with Lag Screw type A-983-C-85 are affected.  
b: All overhauled or repaired propellers from Nov 2013 until end of October 2014 with new installed lag screws during overhaul, as applicable.

A production lot of lag screws with an improper surface finish was manufactured and installed in the propellers with serial number listed on the pages 2, 3, 4 and 5.

Serial Numbers of Single blades which were manufactured or overhauled at MT-Propeller or an MT-Propeller approved Service Center during this period with the affected lag screws are listed on page 6 and 7.

**Reason:** In extreme applications with high loads single lag screws can fail.

**Accomplishment:** All propellers affected by this Service Bulletin which are inspected, tear down inspected, repaired, or overhauled must have a lag screw replacement.

**Action:** All lag screws A-983-C-85 must be replaced after disassembly of the propeller according to the procedures in the Composite Blade Overhaul Manual E-1290. A record of the replaced lag screws must be sent to [techsupport@mt-propeller.com](mailto:techsupport@mt-propeller.com)

**Required Material:** The lag screw A-983-C-85 is available from MT-Propeller Entwicklung GmbH Germany or MT-propeller USA Inc in Florida. The Overhaul manual E-1290 can be downloaded from [www.mt-propeller.com](http://www.mt-propeller.com)

Further information from [techsupport@mt-propeller.com](mailto:techsupport@mt-propeller.com)

This Service Bulletin has been approved according the procedures established for the EASA-certified Design Organization No.: EASA.21J.020.

Checked / Approved: Head, Office of Airworthiness  Josef Eberl Date: 04. November 2014	Edition  Martin Albrecht Date: 04 November, 2014
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**MTV-5 Series**

04643	131138	140154	140209	140224	140391	140738
130676	131139	140185	140210	140225	140441	140813
130677	131140	140194	140217	140226	140460	140815
130994	131141	140195	140221	140227	140493	140907
130995	140037	140197	140222	140228	140547	141011
131131	140038	140204	140223	140390	140623	

**MTV-9 Series**

98170	130967	131162	140256	140440	140632	140694
00443	130974	131164	140265	140442	140633	140695
00508	130981	131165	140282	140443	140634	140696
01098	130983	140004	140283	140458	140635	140697
03205	130984	140005	140284	140465	140636	140698
03522	130985	140067	140285	140482	140637	140699
04335	130986	140069	140286	140485	140661	140700
071034	130988	140083	140287	140495	140662	140701
071169	130989	140088	140288	140509	140663	140702
100105	130990	140098	140289	140510	140664	140703
100394	130998	140128	140290	140535	140665	140705
110578	131000	140136	140291	140553	140666	140735
130111	131003	140137	140293	140554	140667	140737
130794	131011	140155	140294	140556	140668	140755
130795	131015	140156	140306	140558	140669	140807
130863	131020	140157	140320	140559	140670	140808
130864	131021	140158	140321	140583	140681	140814
130865	131039	140159	140324	140599	140682	140828
130866	131062	140160	140327	140602	140683	140838
130867	131069	140161	140329	140603	140684	140846
130868	131075	140162	140330	140604	140685	140877
130869	131082	140164	140331	140605	140686	140887
130870	131086	140170	140332	140606	140687	140888
130875	131133	140171	140334	140625	140688	141029
130953	131135	140174	140335	140627	140689	
130956	131153	140196	140338	140628	140690	
130957	131154	140229	140339	140629	140691	
130961	131155	140237	140376	140630	140692	
130962	131161	140238	140383	140631	140693	



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**MTV-9-K Series**

130958	131100	131105	131110	131115	131120	140248
131009	131101	131106	131111	131116	131121	140305
131038	131102	131107	131112	131117	131122	140438
131071	131103	131108	131113	131118	131142	140459
131099	131104	131109	131114	131119	140147	140706

**MTV-11 Series**

131036

**MTV-12 Series**

91141	131023	140092	140250	140434	140508	140880
96089	131043	140097	140262	140435	140522	140905
00355	131072	140133	140295	140436	140524	140906
01030	131073	140163	140298	140437	140531	140972
01403	131076	140165	140300	140446	140574	140979
03191	131087	140166	140314	140455	140607	140987
03651	131134	140183	140336	140456	140608	140994
05333	131136	140186	140337	140497	140725	141046
061030	131137	140233	140340	140501	140753	141047
080247	131146	140234	140385	140502	140756	
100619	140002	140235	140386	140503	140757	
120748	140003	140236	140430	140504	140805	
130914	140014	140244	140431	140505	140806	
131008	140015	140245	140432	140506	140810	
131022	140016	140249	140433	140507	140840	

**MTV-14 Series**

90127	131037	140130	140343	140513	140638	140647
93239	131070	140193	140377	140532	140639	140648
00029	131080	140200	140378	140533	140640	140649
04599	131081	140205	140445	140536	140641	140825
06878	131147	140230	140451	140538	140642	140826
080900	140006	140254	140452	140539	140643	140878
130978	140007	140296	140453	140542	140644	140879
130999	140068	140297	140499	140545	140645	141098
131028	140129	140304	140512	140592	140646	141181

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**MTV-15 Series**

110536	131061	140036	140148	140299	140588	140657
130980	131079	140064	140169	140315	140589	140658
131041	131132	140066	140187	140316	140618	140659
131045	140008	140089	140208	140392	140650	140660
131046	140009	140101	140218	140411	140651	140726
131049	140010	140102	140219	140582	140652	140809
131055	140011	140103	140255	140584	140653	140851
131056	140033	140104	140279	140585	140654	140911
131057	140034	140105	140280	140586	140655	140959
131058	140035	140106	140281	140587	140656	

**MTV-16 Series**

080308	130991	140199	140259	140261	140382
130670	140198	140232	140260	140381	140457

**MTV-17 Series**

140389

**MTV-18 Series**

02113	131093	140032	140100	140444	140707
05754	140012	140096	140146	140620	

**MTV-20 Series**

140546

**MTV-23 Series**

130770      140013

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**MTV-27 Series**

110571	131024	140090	140214	140313	140461	140575
130747	131025	140091	140215	140322	140483	140624
130807	131026	140149	140216	140323	140484	140816
130819	131027	140150	140231	140333	140525	140817
131001	131048	140151	140252	140341	140526	140823
131002	131059	140152	140253	140342	140527	140834
131005	131060	140153	140263	140379	140528	140836
131012	131077	140172	140264	140380	140529	140837
131013	131143	140173	140292	140384	140530	140885
131016	131144	140201	140301	140447	140537	140886
131017	140065	140203	140302	140448	140543	140957
131018	140084	140206	140303	140449	140544	141023
131019	140085	140213	140312	140450	140557	141099



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**Single Blade Types**

<b>170-57</b>	AEK-51430	AFH-54494	<b>C183-17(e)</b>	AFD-53036	AAK-38960
AFB-52170	AEK-51431	AFH-54495	NF-7016	AFD-53037	AAK-38961
AFB-52171	AEK-51432	<b>200-58</b>	NF-7017	AFD-53038	AFG-54086
AFB-52172	AFE-53474	AFD-52930	NF-7018	<b>C198-25</b>	AFG-54087
<b>180-119d</b>	AFE-53475	AFD-52931	AEJ-51025-A	AFF-53717	AFG-54088
WI-24085	AFE-53476	AFD-52932	AEJ-51026-A	AFF-53718	AFG-54100
WI-24086	<b>193-30b</b>	<b>205-58</b>	AEJ-51027-A	AFF-53719	AFG-54101
WI-24087	AFE-53525	WH-23681	<b>C188-18a</b>	AFG-53998	AFG-54102
<b>180-17c</b>	AFE-53526	WH-23682	PL-9982	AFG-53999	<b>CFLD168-101b</b>
MI-6468	AFE-53527	AAH-38361	PL-9983	AFG-54000	AFD-52864
MI-6469	AFE-53528	AEJ-51049	PL-9984	AFG-54001	AFD-52865
MI-6470	<b>193-53a</b>	AFD-53045	<b>C188-18b</b>	AFG-54002	AFD-52866
<b>180-17f</b>	AFF-53894	<b>210-58</b>	AEJ-51050	AFG-54003	<b>CFR203-58d</b>
UA-17407	<b>195-30a</b>	YK-32875	AEJ-51051	<b>C200-15</b>	AFE-53249
UA-17408	PH-9788	YK-32876	AEJ-51052	AFB-52261	AFE-53250
UA-17409	PH-9789	ZI-37114	RG-12919	AFD-52924	AFE-53251
<b>183-50a</b>	PH-9790	ZI-37115	RG-12920	AFD-52925	AFE-53252
AEJ-51158	PH-9791	ZI-37116	RG-12921	AFD-52926	AFE-53253
AEJ-51159	QI-11589	AFB-52413	<b>C188-34</b>	<b>C203-20d</b>	<b>CFR206-58a</b>
AEJ-51160	QI-11590	AFB-52414	AFB-52390	WD-22705	AFD-52911
AEK-51248	QI-11591	AFB-52415	AFB-52391	WD-22706	AFD-52912
AEK-51249	QI-11592	AFB-52442	AFB-52495	WD-22707	AFD-52913
AEK-51250	<b>195-30b</b>	AFB-52443	AFB-52496	AFG-54032	AFD-52914
<b>183-59b</b>	AFB-52327	AFB-52444	<b>CF190-17</b>	AFG-54033	<b>CFR-208-56</b>
AFF-53893	AFB-52328	AFB-52445	TA-15758	AFG-54034	AFD-52936
XK-27994	AFB-52329	AFE-53239	TA-15759	AFG-54035	AFD-52937
XK-27995	AFB-52330	AFE-53401	TA-15760	AFG-54036	AFD-52938
XK-27996	<b>198-52</b>	AFE-53402	TA-15761	AFG-54037	AFD-52939
XJ-27498	AFE-53554	AFE-53403	SH-14927	<b>C203-25</b>	AFD-52940
XJ-27499	AFE-53555	AFE-53404	SH-14928	ZG-36529	<b>CFR210-56</b>
XJ-27500	AFE-53556	AFF-53786	SH-14929	ZG-36530	AFG-54188
YL-33187	<b>198-58a</b>	AFF-53787	SH-14930	ZG-36531	AFG-54189
YL-33188	AFD-52869	AFF-53788	<b>C190-130</b>	<b>C203-46</b>	AFG-54190
YL-33189	AFD-52870	AFF-53789	AFC-52713	AFB-52518	AFG-54191
<b>188-302</b>	AFD-52871	AFF-53790	AFC-52714	AFB-52519	AFG-54192
AEI-50663	<b>198-58B</b>	AFF-53791	AFC-52715	AFB-52520	<b>CFR210-58d</b>
AEI-50664	UF-18262	<b>215-136</b>	AFC-52716	<b>CF183-59b</b>	AFB-52321
AEI-50665	UF-18263	AEJ-51047	AFD-53035	AAK-38959	AFG-54220
<b>188-53</b>	UF-18264	AEJ-51048			
	<b>200-52</b>				
	AFH-54493				

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AFG-54221	AFA-52035	AFB-52379	AFG-54057	AFG-54015	<b>L496-127</b>
AFG-54222	AFA-52036	AFB-52380	AFG-54058	AFG-54016	AAK-39005
AFG-54223	AFA-52037	AFB-52381	AFG-54059	AFG-54017	AAK-39006
AFG-54224	AFA-52038	<b>CFRL240-55d</b>	AFG-54060	AFG-54018	AAK-39007
AFG-54225	AFB-52455	AFD-52878	AFG-54061	AFG-54019	AAK-39008
AFG-54226	AFB-52456	AFD-52879	AFG-54062	AFG-54020	WC-22421
AFG-54227	AFB-52457	AFD-52880	AFG-54063	AFG-54021	WC-22422
AFG-54228	AFB-52458	AFD-52881	<b>CFRL250-55b</b>	AFG-54022	WC-22425
AFG-54229	AFB-52459	AFD-52882	AFB-52319	<b>CL250-55</b>	<b>LD168-101b</b>
AFG-54230	AFD-53073	AFG-54072	AFB-52320	AFD-52918	AFG-54111
AFG-54231	AFD-53074	AFG-54073	AFC-52613	AFD-52919	AFG-54112
AFG-54232	AFD-53075	AFG-54074	AFC-52614	AFD-52920	AFG-54113
AFG-54233	AFD-53076	AFG-54075	AFC-52615	<b>CRLD199-117</b>	
AFG-54234	AFD-53077	AFG-54076	AFC-52616	AFA-51905	
AFG-54235	AFD-53078	AFG-54193	AFC-52617	AFA-51906	
AFG-54236	AFD-53079	AFG-54194	AFD-53135	AFA-51907	
AFG-54237	AFD-53080	AFG-54195	AFD-53136	AFA-51908	
AFG-54238	AFD-53081	AFG-54196	AFD-53137	AFA-51909	
AFG-54239	AFD-53082	AFG-54197	AFD-53138	AFA-51910	
<b>CFR210-58d_P&amp;W</b>	AFF-53634	AFG-54198	AFD-53139	AFA-51911	
AFG-54004	AFF-53635	AFG-54199	AFE-53320	AFA-51912	
AFG-54005	AFF-53636	AFG-54200	AFE-53321	AFA-51913	
AFG-54006	AFF-53637	AFG-54201	AFE-53322	AFA-51914	
AFG-54007	AFF-53638	AFG-54202	AFE-53323	AFA-51987	
AFG-54008	AFG-54173	<b>CFRL250-103</b>	AFE-53324	AFA-51988	
AFG-54009	AFG-54174	AFB-52382	AFE-53325	AFA-51989	
AFG-54010	AFG-54175	AFB-52383	AFE-53326	AFA-51990	
AFG-54011	AFG-54176	AFB-52384	AFE-53327	AFA-51991	
AFG-54012	AFG-54177	AFB-52385	AFE-53328	AFA-51992	
AFG-54013	AFG-54178	AFB-52386	AFE-53329	AFA-51993	
<b>CFR220-55g</b>	AFG-54179	AFB-52401	<b>CFRLD220-55g</b>	AFA-51994	
AFD-53140	AFG-54180	AFB-52402	AFD-53145	AFA-51995	
AFD-53141	AFG-54181	AFB-52403	AFD-53146	AFA-51996	
AFD-53142	AFG-54182	AFB-52404	AFD-53147	AFF-53831	
AFD-53143	<b>CFR250-103</b>	AFB-52405	AFD-53148	AFF-53832	
AFD-53144	ZF-35937	AFG-54054	AFD-53149	AFF-53833	
<b>CFR225-55f</b>	AFB-52377	AFG-54055	<b>CL240-29</b>	AFF-53834	
AFA-52034	AFB-52378	AFG-54056	AFG-54014	AFF-53835	