



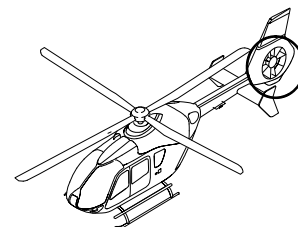
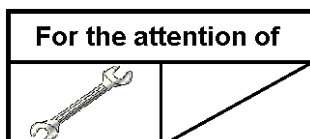
Valid for Version(s): T1, T2, T2+, T3, P1, P2, P2+, P3
635 T1, 635 T2+, 635 T3, 635 P2+, 635 P3

ALERT SERVICE BULLETIN

PROTECTIVE MEASURE

TAILROTOR - Tail rotor blades

Reduction of the life time for specified tail rotor blades



Revision No.	Date of issue
Revision 0	2018-02-20

Summary:

During the manufacturing process deviations have been identified on specific serial number tail rotor blades which has an impact on the service life limit (SLL) of the affected tail rotor blades.

Compliance:

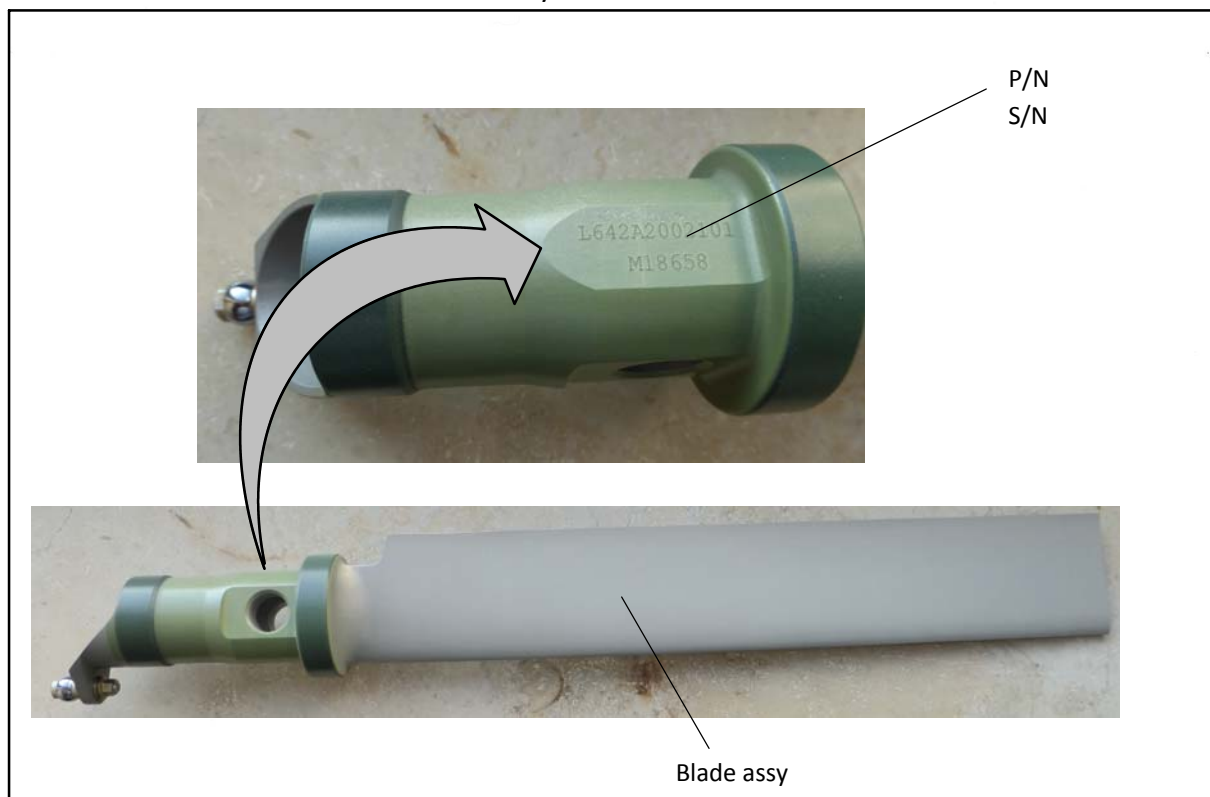
Compliance with this Alert Service Bulletin (ASB) is mandatory.

1 PLANNING INFORMATION**1.A EFFECTIVITY****1.A.1 Helicopters/installed equipment and parts**

- a) EC135, T1, T2, T2+, T3, P1, P2, P2+, P3, 635 T1, 635 T2+, 635 T3, 635 P2+, 635 P3, all S/N.
- b) Blade assy P/N L642A2002101, affected S/N see Section 4 of this ASB.

NOTE

The P/N and the S/N of the blade assy can be found on the blade itself, in the log card of the tail rotor hub and on the EASA Form 1 of the blade assy.

**1.A.2 Non-installed equipment and parts**

Blade assy P/N L642A2002101, affected S/N see Section 4 of this ASB.

1.B ASSOCIATED REQUIREMENTS

None.

1.C REASON

During the manufacturing process some tail rotor blades were subject to a rework process. This process during manufacture has been determined to have an impact on the SLL of the specified blade assy. Procedure to accommodate this SLL reduction is provided with this ASB.



1.D DESCRIPTION

Check S/N of the blade assy (P/N L642A2002101) for effectivity. Adjust the SLL reduction as specified. Compensation hours are applied to the Time Since New (TSN) / Time In Service (TIS) to reflect the reduction of the SLL.

1.E COMPLIANCE

1.E.1 Compliance at H/C manufacturer level

Helicopters/installed equipment and parts:

Latest before delivery of the helicopter check if an affected blade assy is installed:

- a) If yes, add 5200 compensation hours to the TSN of the affected blade assy, refer to Section 3.B.2.
- b) If no, confirm accomplishment of this ASB, refer to Section 3.C.

Non-installed equipment and parts:

Check stored blade assy:

- a) For affected S/N add in the column "Remark" of the EASA Form 1 the following information: "Blade assy is affected by ASB EC135-64A-006 / EC135H-64A-001. Add 5200 compensation hours, see ASB EC135-64A-006 / EC135H-64A-001 for details."
- b) For not affected S/N add in the column "Remark" of the EASA Form 1 the following information: "Blade assy is not affected by ASB EC135-64A-006 / EC135H-64A-001."

1.E.2 Compliance in service

Helicopters/installed equipment and parts:

Within 12 months or 1400 fh whichever comes first after receipt of this ASB check if an affected blade assy is installed:

- a) If yes, add 5200 compensation hours to the TSN/TIS of the affected blade assy, refer to Section 3.B.2.
- b) If no, confirm accomplishment of this ASB, refer to Section 3.C.

Non-installed equipment and parts:

Latest before installation of a blade assy check if the S/N is affected:

- a) For affected S/N add 5200 compensation hours to the TSN/TIS of the affected blade assy, refer to Section 3.B.3.

1.F APPROVALApproval of this document:

The technical content of this document is approved under the authority of
DOA No. EASA.21J.700.

1.G MANPOWER

Qualification	Mechanic	Electrician	Pilot	Others*
Estimated Man-hours	-	-	-	approx. 1 h
* CAMO (or equivalent)				

1.H WEIGHT AND BALANCE

No effect on weight and balance.

1.I POWER CONSUMPTION

No effect.

1.J SOFTWARE UPGRADES/UPDATES

Not changed.

1.K REFERENCES

None.

1.L OTHER AFFECTED PUBLICATIONS

Not affected.

1.M INTERCHANGEABILITY OR MIXABILITY OF PARTSInterchangeability:

Not affected.

Mixability:

Not affected.



2 MATERIAL INFORMATION

2.A MATERIAL: PRICE - AVAILABILITY - PROCUREMENT

None.

2.B LOGISTIC INFORMATION

None.

2.C MATERIAL REQUIRED PER HELICOPTER/COMPONENT

None.

2.D MATERIAL TO BE RETURNED

None.

3 ACCOMPLISHMENT INSTRUCTIONS

3.A GENERAL

Not applicable.

3.B WORK STEPS

3.B.1 Preliminary steps

Not applicable.

3.B.2 Procedure for installed equipment or parts

1. Review aircraft documents (log card of the tail rotor hub) to determine if an affected S/N (see Section 4 to this ASB) is installed.
2. Add 5200 compensation hours to the TSN/TIS of the affected blade assy in the log card of the tail rotor hub.
Example: If the affected blade assy currently has 1000 fh, 5200 fh must be added = 6200 fh compensated TIS.
3. Ensure tracking system for service life limited parts is updated accordingly. Carry out compliance confirmation, refer to Section 3.C.

3.B.3 Work steps for non-installed equipment or parts

1. Latest on installation, refer to Section 3.B.2.

3.C COMPLIANCE CONFIRMATION

Compliance with this document:

1. Confirm accomplishment of this ASB by an entry in the log card of the tail rotor hub and/or the historical record of the helicopter representing that SLL **is affected**.
2. Confirm accomplishment of this ASB by an entry in the log card of the tail rotor hub and/or the historical record of the helicopter representing that SLL **is not affected**.

4 APPENDIX

Affected S/N of blade assy L642A2002101 (page 1 of 4)

M17206	M17331	M17446	M17586
M17207	M17337	M17448	M17587
M17210	M17338	M17449	M17588
M17211	M17341	M17450	M17589
M17220	M17342	M17452	M17590
M17221	M17343	M17456	M17594
M17223	M17344	M17457	M17603
M17231	M17345	M17460	M17606
M17232	M17346	M17462	M17615
M17233	M17347	M17465	M17617
M17234	M17354	M17466	M17624
M17237	M17359	M17467	M17627
M17239	M17362	M17468	M17628
M17240	M17363	M17469	M17631
M17242	M17364	M17471	M17635
M17244	M17368	M17474	M17636
M17247	M17369	M17477	M17638
M17251	M17371	M17478	M17639
M17252	M17373	M17481	M17640
M17253	M17374	M17482	M17641
M17255	M17378	M17484	M17643
M17256	M17380	M17485	M17644
M17257	M17384	M17487	M17645
M17258	M17387	M17488	M17646
M17259	M17390	M17489	M17647
M17261	M17391	M17491	M17650
M17262	M17395	M17494	M17651
M17263	M17399	M17495	M17654
M17264	M17401	M17496	M17655
M17265	M17404	M17502	M17656
M17266	M17405	M17503	M17658
M17270	M17419	M17508	M17659
M17277	M17424	M17509	M17660
M17280	M17425	M17511	M17662
M17316	M17426	M17515	M17665
M17318	M17436	M17559	M17675
M17320	M17438	M17562	M17678
M17322	M17440	M17569	M17696
M17324	M17441	M17570	M17715
M17328	M17442	M17575	M17721
M17329	M17443	M17576	M17748
M17330	M17445	M17585	M17756

Affected S/N of blade assy L642A2002101 (page 2 of 4)

M17757	M17923	M18038	M18187
M17760	M17927	M18039	M18188
M17761	M17928	M18040	M18189
M17763	M17930	M18041	M18190
M17764	M17931	M18042	M18191
M17768	M17933	M18043	M18195
M17772	M17934	M18044	M18200
M17776	M17938	M18045	M18201
M17777	M17942	M18046	M18202
M17778	M17944	M18047	M18206
M17779	M17945	M18048	M18207
M17806	M17946	M18050	M18212
M17813	M17952	M18052	M18213
M17822	M17954	M18053	M18214
M17827	M17956	M18054	M18221
M17829	M17959	M18056	M18222
M17830	M17960	M18058	M18224
M17831	M17963	M18059	M18225
M17834	M17974	M18060	M18226
M17835	M17976	M18061	M18227
M17838	M17977	M18062	M18228
M17840	M17978	M18063	M18229
M17842	M17979	M18064	M18230
M17844	M17980	M18065	M18231
M17846	M17981	M18101	M18234
M17847	M17982	M18103	M18235
M17849	M17985	M18104	M18236
M17850	M17987	M18106	M18238
M17853	M17990	M18109	M18239
M17856	M17996	M18110	M18240
M17857	M17999	M18115	M18241
M17858	M18003	M18116	M18242
M17860	M18004	M18118	M18243
M17867	M18007	M18119	M18244
M17888	M18008	M18121	M18246
M17898	M18010	M18123	M18247
M17900	M18013	M18124	M18248
M17901	M18017	M18127	M18249
M17906	M18019	M18130	M18252
M17909	M18022	M18132	M18254
M17914	M18031	M18138	M18255
M17915	M18033	M18139	M18256
M17919	M18035	M18162	M18257
M17920	M18036	M18169	M18258
M17921	M18037	M18185	M18261

Affected S/N of blade assy L642A2002101 (page 3 of 4)

M18263	M18464	M18585	M18681
M18266	M18465	M18587	M18689
M18274	M18467	M18588	M18694
M18277	M18468	M18589	M18721
M18282	M18472	M18592	M18722
M18295	M18473	M18594	M18724
M18299	M18475	M18595	M18725
M18300	M18476	M18596	M18726
M18301	M18481	M18597	M18729
M18302	M18482	M18600	M18731
M18304	M18484	M18602	M18733
M18305	M18486	M18603	M18734
M18308	M18487	M18604	M18735
M18315	M18490	M18605	M18736
M18318	M18495	M18606	M18740
M18319	M18497	M18607	M18743
M18320	M18499	M18608	M18745
M18322	M18503	M18609	M18748
M18323	M18504	M18610	M18755
M18324	M18508	M18611	M18757
M18328	M18509	M18612	M18759
M18331	M18511	M18613	M18761
M18339	M18513	M18614	M18764
M18346	M18514	M18617	M18765
M18354	M18515	M18618	M18766
M18355	M18517	M18619	M18767
M18357	M18519	M18620	M18768
M18361	M18520	M18621	M18770
M18366	M18561	M18622	M18771
M18383	M18562	M18623	M18772
M18408	M18563	M18624	M18773
M18420	M18564	M18625	M18774
M18423	M18565	M18626	M18776
M18425	M18566	M18627	M18778
M18429	M18567	M18628	M18779
M18430	M18568	M18629	M18780
M18432	M18569	M18630	M18781
M18433	M18574	M18631	M18782
M18435	M18575	M18632	M18783
M18440	M18576	M18633	M18784
M18441	M18577	M18634	M18785
M18442	M18578	M18635	M18786
M18443	M18579	M18636	M18788
M18448	M18580	M18637	M18789
M18449	M18582	M18638	M18790
M18462	M18583	M18640	M18791

Affected S/N of blade assy L642A2002101 (page 4 of 4)

M18792	M18865		
M18793	M18866		
M18794	M18867		
M18796	M18868		
M18797	M18869		
M18798	M18870		
M18799	M18871		
M18800	M18872		
M18801	M18873		
M18808	M18874		
M18810	M18875		
M18815	M18876		
M18816	M18877		
M18817	M18878		
M18821	M18879		
M18822	M18880		
M18825	M18887		
M18826	M18896		
M18830	end of list		
M18831			
M18834			
M18836			
M18841			
M18843			
M18844			
M18845			
M18846			
M18847			
M18848			
M18849			
M18850			
M18851			
M18852			
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M18859			
M18860			
M18861			
M18862			
M18863			
M18864			