



SERVICE BULLETIN

ENGINE - FUEL AND CONTROL - ENGINE DEDICATED ALTERNATOR STATOR POWER WINDING -
INSPECTION/REPLACEMENT - CATEGORY CODE 4 - MOD.ENG-73-0046

1. Planning InformationA. Effectivity

(1) Aircraft: Airbus A320

(2) Engine: V2500-A1 units listed below

Engine Dedicated Alternator Stator Serial Numbers

(a) See B. 'Reason' (1)

1664 Mk.2/Mk.3

1664001	1664049	1664106	1664141	1664155	1664169	1664223
1664011	1664060	1664131	1664142	1664157	1664170	1664227
1664014	1664076	1664132	1664143	1664158	1664189	1664264
1664021	1664088	1664136	1664149	1664159	1664193	
1664039	1664091	1664137	1664151	1664164	1664195	
1664043	1664092	1664138	1664152	1664165	1664197	
1664044	1664093	1664139	1664154	1664168	1664212	

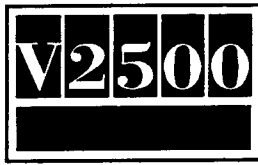
1664 Mk.3

1664005	1664194	1664211	1664228	1664253	1664260	1664271
1664022	1664198	1664213	1664242	1664254	1664261	
1664133	1664199	1664215	1664246	1664255	1664262	
1664188	1664202	1664216	1664249	1664256	1664267	
1664190	1664203	1664217	1664250	1664257	1664268	
1664191	1664205	1664218	1664251	1664258	1664269	
1664192	1664209	1664219	1664252	1664259	1664270	

1664 Mk.4

1664034	1664244	1664328	1664345	1664365	1664380	1664395
1664160	1664245	1664329	1664346	1664366	1664381	1664396
1664163	1664248	1664330	1664347	1664367	1664383	1664397
1664204	1664311	1664331	1664350	1664368	1664384	1664398
1664221	1664316	1664333	1664351	1664369	1664385	1664399
1664222	1664317	1664335	1664353	1664370	1664386	1664400
1664226	1664318	1664336	1664356	1664371	1664387	1664401
1664236	1664319	1664337	1664357	1664372	1664388	1664402
1664237	1664320	1664339	1664359	1664374	1664389	1664403
1664238	1664321	1664340	1664361	1664375	1664391	1664408
1664239	1664322	1664341	1664362	1664376	1664392	1664410
1664241	1664326	1664343	1664363	1664377	1664393	1664413
1664243	1664327	1664344	1664364	1664378	1664394	1664456

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(b) See B. 'Reason' (2)

1664 Mk.2/Mk.3

1664045	1664061	1664070	1664082	1664104	1664115	1664140
1664046	1664062	1664072	1664083	1664107	1664116	1664146
1664047	1664063	1664073	1664084	1664108	1664118	1664220
1664048	1664064	1664074	1664085	1664109	1664122	1664224
1664050	1664065	1664075	1664096	1664110	1664125	
1664051	1664066	1664078	1664099	1664112	1664126	
1664052	1664067	1664080	1664100	1664113	1664127	
1664056	1664068	1664081	1664103	1664114	1664129	

B. Reason

(1) Engine dedicated alternators listed in A.'Effectivity' (2)(a):

Certain EDA stators power windings have been manufactured with an incorrect standard of wire insulation. This requires the return of a number of units to the supplier for power winding inspection/replacement.

Certain EDA stators have been manufactured using a process which may cause the units to malfunction in service. This requires the return of a number of units to the supplier to be repaired with new windings.

(2) Engine dedicated alternators listed in A.'Effectivity' (2)(b):

Certain EDA stators have run for part of their lives without external cooling fitted. This requires that these units are returned to the supplier for replacement of their power windings.

C. Compliance

Category Code 4

Accomplish at the first visit of an engine or module to a maintenance base capable of compliance with the Accomplishment Instructions regardless of the planned maintenance action or the reason for engine removal.

D. Approval

The 'Compliance' statement and the requirements for performing the action, specified under F. 'Action' of this Service Bulletin, have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. References

(1) Internal Reference No.

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EC93VR759

(2) Other References

A320/V2500 Aircraft Maintenance Manual.

F. Action

- (1) Replace the engine dedicated alternator stators which bear the serial numbers shown under A. 'Effectivity' as follows:
 - (a) Remove the EDA stator with instructions in the Aircraft Maintenance Manual TASK 73-22-52-000-010.
 - (b) Return the removed unit to the manufacturer (Vendor Code K1464) for power winding inspection/replacement.
 - (c) Install an EDA stator with instructions in the Aircraft Maintenance Manual TASK 73-22-52-400-010.

NOTE: Spare EDA stators will be supplied by the vendor to allow compliance with this Service Bulletin.

- (2) Record in the Engine Log Book that this Service Bulletin has been incorporated.
- (3) Return all spare engine dedicated alternator stators, which bear the serial numbers shown under A. 'Effectivity', to the manufacturer (Vendor Code K1464) for power winding inspection/replacement.
- (4) The manufacturer will identify units to which this Bulletin has been applied by the addition of 'C' to the modification plate.

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