

# UNAPPROVED PARTS NOTIFICATION

Flight Standards Service



**FAA**  
Aviation Safety

No.: 2008-S20080110024

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<http://www.faa.gov/aircraft/safety/programs/sups/upn>

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## **AFFECTED PRODUCTS**

Boeing 707, 747, 757, and 767 series main landing gear (MLG) truck beams.

## **PURPOSE**

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and parts distributors regarding improper maintenance performed on main landing gear (MLG) truck beams used on large aircraft.

## **BACKGROUND**

Information received during a Federal Aviation Administration (FAA) investigation revealed that between January 1, 2001, and November 26, 2007, AAR Landing Gear Services, located at 9371 NW 100<sup>th</sup> Street, Miami, FL 33178, improperly maintained and approved for return to service Boeing 707, 747, 757, and 767 series MLG truck beams. AAR Landing Gear Services holds FAA Air Agency Certificate No.VQ4R605M, with class 1 accessory, limited accessory, limited airframe, limited landing gear components, and limited nondestructive testing ratings.

Evidence indicates AAR Landing Gear Services approved MLG truck beams for return to service that were not maintained in accordance with the manufacturer's maintenance manuals. Discrepancies noted in AAR Landing Gear Services' practices included, but are not limited to, the following:

- Approved for returned to service MLG truck beams as overhauled with the application of BMS 10-60, Type 1, Boeing color 707 gray gloss enamel inside the surface area of the truck beams, contrary to the manufacturer's components maintenance manuals.
- Failure to document in the maintenance records application of BMS 10-60, Type 1, Boeing color 707 gray gloss enamel inside the surface area of the truck beams or deviations from the manufacturer's components maintenance manuals
- Failure to document in the maintenance records and approved for return to service Boeing 757 MLG truck beams with the application of BMS 10-60, Type 1, Boeing color 707 gray gloss enamel inside the surface area of the truck beams, contrary to the manufacturer's components maintenance manuals and Alert Service Bulletin #757-32A0135 directed by Airworthiness Directive 2001-09-01.

## RECOMMENDATIONS

Regulations require that type-certificated products conform to their type design. We encourage aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and parts distributors to inspect their aircraft, aircraft records, and/or parts inventories for any Boeing 707, 747, 757, and 767 MLG truck beams approved for return to service by AAR Landing Gear Services between January 1, 2001, and November 26, 2007. If you find any MLG truck beams installed on any Boeing 707, 747, 757, and 767 aircraft, you should take appropriate action. If you find any MLG truck beams in existing inventory, we recommend quarantine to prevent installation until each MLG truck beams' eligibility for installation is determined.

Below is a list of known Boeing 707, 747, 757, and 767 series MLG truck beams approved for return to service by AAR Landing Gear Services.

## FURTHER INFORMATION

You can obtain further information and guidance regarding the referenced Boeing series aircraft MLG truck beams from the FAA Flight Standards District Office (FSDO) given below. In addition to all the above recommendations, the FAA would appreciate any information concerning the discovery of the Boeing series MLG truck beams from any source, the means used to identify the source, and action taken to remove the MLG truck beam assemblies or aircraft accessories from service.

This notice originated from the FAA South Florida FSDO-19, 8600 NW 36<sup>th</sup> Street, Suite 200, Miami, FL 33166, telephone (305) 716-3400, fax (305) 716-3458.

### Parts List MLG Truck Beam

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
65-65030-9	0275 CPC	707
65-65030-9	315	707
65-65030-9	0289CPC	707
65-65030-2	1942	707
65-65030-9	0317CPC	707
65-65030-9	0282CPC	707
65-65030-9	H0004	707
65-65030-9	329	707
65-65030-9	318	707
65-65030-2	2479	707
65-65030-2	2528	707
<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
65B01362-1	50	747
65B01362-6	331	747
65B01362-1	133	747

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
65B01362-6	303	747
65B01362-6	423	747
65B05131-5	2131	747
65B05131-5	3043	747
65B05131-7	3641	747
65B05131-8	3090	747
65B05131-5	2799	747
65B05131-5	2221	747
65B05131-7	3118	747
65B05131-5	1875	747
65B05131-5	2081	747
65B05131-5	1858	747
65B05131-5	1908	747
65B05131-5	2994	747
65B05131-5	2035	747
65B05131-5	2081	747
65B05131-5	2375	747
65B05131-5	1768	747
65B05131-7	3090	747
65B05131-5	2722	747
65B05131-7	3261	747
65B05131-5	2531	747
65B05131-5	2146	747
65B05131-5	1484	747
65B05131-5	2679	747
65B05131-5	1456	747
65B05131-7	3490	747
65B05131-5	2804	747
65B05131-5	2943	747
65B05131-5	2554	747
65B05131-5	2442	747
65B05131-5	2561	747
65B05131-5	1275	747
65B05131-2	2913	747
65B05131-5	2524	747
65B05131-5	2655	747
65B05131-5	2562	747
65B05131-7	3645	747
65B05131-5	2181	747

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
65B05131-5	1640	747
65B05131-5	2427	747
65B05131-5	3005	747
65B05131-5	779	747
65B05131-5	2100	747
65B05131-5	1941	747
65B05131-5	0802XL389	747
65B05131-5	894	747
65B05131-5	2228	747
65B05131-5	2266	747
65B05131-5	2725	747
65B05131-5	2443	747
65B05131-5	2209	747
65B05131-5	1962	747
65B05131-5	1361	747
65B05131-5	1961	747
65B05131-5	1331	747
65B05131-5	1745	747
65B05131-5	2082	747
65B05131-5	1965	747
65B05131-5	860	747
65B05131-5	2747	747
65B05131-5	1769	747
65B05131-7	3666	747
65B05131-5	2586	747
65B05131-5	2412	747
65B05131-5	2672	747
65B05131-5	1761	747
65B05131-5	1961	747
<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161N1611- 7	367MJ65	757
161N1611- 7	333MC71	757
161N1611- 7	538YA59	757
161N1611- 7	562YA57	757
161N1611- 7	335MC72	757
161N1611- 7	368MJ65	757
161N1611- 7	265AA59	757
161N1611- 7	514YD70	757

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161N1611- 7	549YD74	757
161N1611- 7	283AA62	757
161N1611- 7	33ES43	757
161N1611- 7	27ES41	757
161N1611- 1	97DJ67	757
161N1611- 7	163ZA41	757
161N1611- 7	738DK55	757
161N1611- 7	502YD69	757
161N1611- 7	531YD72	757
161N1611- 7	475UJ33	757
161N1611- 7	406UJ77	757
161N1611- 7	49ET13	757
161N1611- 6	335MC72	757
161N1611- 6	531YD72	757
161N1611- 6	538YA59	757
161N1611- 3	147DZ27	757
161N1611- 7	560YA57	757
161N1611- 6	368MJ65	757
161N1611- 7	104YP25	757
161N1611- 7	482UP60	757
161N1611- 7	361MJ64	757
161N1611- 7	737DK56	757
161N1611- 7	769DS32	757
161N1611- 7	768DS32	757
161N1611- 7	847EM34	757
161N1611- 7	07ES24	757
161N1611- 7	136GK2	757
161N1611- 7	577YA72	757
161N1611- 7	144GK5	757
161N1611- 7	434UP54	757
161N1611- 7	528UT48	757
161N1611- 7	671DH40	757
161N1611- 7	751DK58	757
161N1611- 7	412UP50	757
161N1611- 7	35PC1	757
161N1611- 6	34PC1	757
161N1611- 3	220KJ31	757
161N1611- 7	512YA66	757
161N1611- 7	147ZA41	757

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161N1611- 7	31PA3	757
161N1611- 7	30PA1	757
161N1611- 7	867EJ44	757
161N1611- 7	853EJ43	757
161N1611- 7	646AP80	757
161N1611- 7	852EA136	757
161N1611- 1	52AK30	757
161N1611- 7	878EJ46	757
161N1611- 1	A18AH49	757
161N1611- 7	885EJ47	757
161N1611- 7	868EM36	757
161N1611- 7	06ES23	757
161N1611- 7	911EM40	757
161N1611- 1	A25AK27	757
161N1611- 3	279LJ37	757
161N1611- 3	314LZ34	757
161N1611- 7	701DA29	757
161N1611- 13	P1795	757
161N1611- 7	146ZA41	757
161N1611- 7	431UP54	757
161N1611- 7	103TH4	757
161N1611- 1	132DH51	757
161N1611- 7	528YD72	757
161N1611- 7	422UP52	757
161N1611- 3	360MJ64	757
161N1611- 3	379MJ66	757
161N1611- 3	287LZ31	757
161N1611- 13	PO1702	757
161N1611- 13	PO1710	757
161N1611- 3	167DZ28	757
161N1611- 3	62DJ63	757
161N1611- 7	9TD4	757
161N1611- 3	172DZ28	757
161N1611- 7	082YK85	757
161N1611- 7	15TD1	757
161N1611- 3	205KD37	757
<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161T1131-8	P1927	767

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161T1131-8	P2146	767
161T1131-8	P1951	767
161T1131-9	P1901	767
161T1131-4	349	767
161T1131-8	P1940	767
161T1131-11	P2197	767
161T1131-10	P2151	767
161T1131-8	1903	767
161T1131-11	P2168	767
161T1131-8	P1821	767
161T1131-8	1645	767
161T1131-8	P1901	767
161T1131-8	P1982	767
161T1131-11	P2151	767
161T1131-8	1157	767
161T1131-8	P2137	767
161T1131-5	P1995	767
161T1131-10	P2151	767
161T1131-6	P1859	767
161T1131-11	P2230	767
161T1131-11	P2198	767
161T1131-11	P2129	767
161T1131-8	CPTP2217	767
161T1131-8	P2250	767
161T1131-8	P1915	767
161T1131-1	1109	767
161T1131-5	1106	767
161T1131-7	1094	767
161T1131-8	1593	767
161T1131-9	P1897	767
161T1131-8	3799	767
161T1131-8	P1886	767
161T1131-8	P1826	767
161T1131-5	1004	767
161T1131-5	1104	767
161T1131-11	BFGP2294	767
161T1131-11	P2184	767
161T1131-8	P1881	767
161T1131-1	350	767

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161T1131-5	7471	767
161T1131-11	P2224	767
161T1131-8	7469	767
161T1131-8	1117	767
161T1131-8	CPTP2023	767
161T1131-9	BFGP2565	767
161T1131-9	P2175	767
161T1131-8	P1782	767
161T1131-8	356	767
161T1131-4	P1923	767
161T1131-8	P2008	767
161T1131-11	P2227	767
161T1131-8	P2170	767
161T1131-11	P2243	767
161T1131-5	1082	767
161T1131-5	3813	767
161T1131-8	P1838	767
161T1131-11	BFGP2208	767
161T1131-11	BFGP2215	767
161T1131-6	1498	767
161T1131-8	P1782	767
161T1131-11	P2276	767
161T1131-11	BFGP2240	767
161T1131-11	BFGP2336	767
161T1131-8	P1990	767
161T1131-9	P1670	767
161T1131-5	1077	767
161T1131-8	5154	767
161T1131-6	P1854	767
161T1131-11	P2267	767
161T1131-8	P2176	767
161T1131-8	346	767
161T1131-11	BFGP2288	767
161T1131-5	1060	767
161T1131-5	7471	767
161T1131-5	1097	767
161T1131-5	1089	767
161T1131-12	BFGP2560	767
161T1131-5	1211	767



<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161T1131-5	1033	767
161T1131-6	P1918	767
161T1131-5	1065	767
161T1131-7	5175	767
161T1131-1	A7716	767
161T1131-5	B3228	767
161T1131-8	1424	767
161T1131-8	1071	767
161T1131-11	BFGP2318	767
161T1131-8	P2162	767
161T1131-8	P1928	767
161T1131-8	BFGP2259	767
161T1131-8	P2143	767
161T1131-9	P1976	767
161T1131-5	A7732	767
161T1131-8	1171	767
161T1131-15	BFGP2655	767
161T1131-8	7470	767
161T1131-17	BFGP2701	767
161T1131-8	P2111	767
161T1131-8	1575	767
161T1131-11	P2218	767
161T1131-8	1205	767
161T1131-8	2028	767
161T1131-8	P2225	767
161T1131-5	B3241	767
161T1131-8	P1818	767
161T1131-9	349	767
161T1131-5	1036	767
161T1131-5	1057	767
161T1131-8	1203	767
161T1131-8	BFGP2263	767
161T1131-8	P1856	767
161T1131-9	P2046	767
161T1131-5	1028	767
161T1131-8	348	767
161T1131-11	P1609	767
161T1131-12	BFGP2508	767
161T1131-9	P2026	767

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161T1131-8	BFGP2284	767
161T1131-11	P2214	767
161T1131-8	1243	767
161T1131-5	1046	767
161T1131-8	1430	767
161T1131-11	BFGP2161	767
161T1131-8	P2175	767
161T1131-7	P1719	767
161T1131-11	BFGP2314	767
161T1131-8	1206	767
161T1131-5	E0339	767
161T1131-5	A4806	767
161T1131-5	1006	767
161T1131-8	1140	767
161T1131-9	2060	767
161T1131-11	000P2177	767
161T1131-8	P1719	767
161T1131-9	P1881	767
161T1131-5	1076	767
161T1131-8	1409	767
161T1131-9	P2033	767
161T1131-8	1500	767
161T1131-11	P2124	767
161T1131-8	5138	767
161T1131-8	P2053	767
161T1131-8	1608	767
161T1131-8	1600	767
161T1131-11	P2135	767
161T1131-9	P2188	767
161T1131-8	P1905	767
161T1131-8	1054	767
161T1131-11	P2181	767
161T1131-8	P1948	767
161T1131-9	1202	767
161T1131-11	BFGP2304	767
161T1131-11	P2180	767
161T1131-8	P2131	767
161T1131-8	P1670	767
161T1131-5	1090	767

<b>PART NUMBER</b>	<b>SERIAL NUMBER</b>	<b>AIRCRAFT TYPE</b>
161T1131-8	BFGP2274	767
161T1131-6	P2233	767
161T1131-11	BFG1271	767
161T1131-8	P2064	767
161T1131-9	1903	767
161T1131-8	BFG2251	767
161T1131-8	P2137	767
161T1131-8	P2156	767
161T1131-5	1068	767
161T1131-8	P2085	767
161T1131-1	A7716	767
161T1131-8	P2233	767
161T1131-8	P1897	767
161T1131-15	BFGP2657	767
161T1131-8	1687	767
161T1131-1	5172	767
161T1131-8	P1905	767
161T1131-8	P2087	767
161T1131-5	A7720	767
161T1131-8	3805	767
161T1131-8	P1886	767
161T1131-11	P2167	767
161T1131-5	1031	767
161T1131-11	BFGP2254	767
161T1131-8	1551	767
161T1131-8	P2017	767