



S205/S208 CIVIL AIRCRAFT

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INTRODUCTION

This publication provides a numerical list of all Service Bulletins, Service Instructions, Service Letters and Technical Instructions applicable to S205 and S208 civil aircraft.

It consists of four sections divided as follows:

- SECTION 1** contains index of Service Bulletins
- SECTION 2** contains index of Service Instructions
- SECTION 3** contains index of Service Letters
- SECTION 4** contains index of Technical Instructions

These Indexes will be revised or reissued on a yearly basis.

Anyway, in order to maintain an up-to-date copy, it is suggested that each Index be hand marked upon receipt of a new document.

A letter in the "CODE" column indicates the aircraft type to which the document applies.

APPLICATION CODE	AIRCRAFT TYPE
A	S205 18F
B	S205 18R
C	S205 20F
D	S205 20R
E	S205 22R
F	S208
G	S208 A

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SERVICE BULLETINS INDEX

S.B. No.	CODE	TITLE
205B01 17.06.66	A B C D	New Installation of Pitot tube under the right wing in replacement of the present installation on leading edge of right wing tip
205B02 23.07.66	A B C D E	Installation of auxiliary adjustable air scoop for cabin ventilation on both sides of fuselage front section
205B03 14.10.66	E	Installation of new carburetor air intake box, exhaust stacks, exhaust mufflers and exhaust tail pipes on the 6A-350-C1 Franklin engine power plant
205B04 14.09.66	A B C D E	Inspection and reinforcement of rear spar at area of aileron outboard hinge bracket attachments
205B05A 11.04.68	B D E	Installation of two microswitches actuated by the articulated drag braces which control the main landing gear
205B06 02.12.66	A B C D E	Modification of nose landing gear shock strut
205B07 02.12.66	A B C D E	Inspection of battery relay contact points
205B08 02.12.66	A B C D E	Modification of electrical system cable size in the battery-to-starter circuit
205B09A 04.08.67	A B C D	Installation of a strut to stiffen the generator support brackets, part No. 70419, installed on the Lycoming engines O-360-A1A and IO-360A1A having the letter "A" following the engine serial suffix number
205B10 17.01.67	A B C D E	Modification of MLG shock struts
205B11 23.02.67	B D E	Replacement of control rod, part No. 205-6-207-01, connecting the torque tube to bellcrank which control the right main landing gear
205B12A 21.01.72	B D E	Inspection of rear link, part No. 205-9-142-03 of NLG articulated drag brace
205B13A 25.09.67	A B C D E	Inspection and replacement of fuel level indicator trasmitters, part No. 205-8-095-01, installed in the fuel tanks
205B14A 04.08.67	A B C D E	Inspection of welded angles of NLG brace cross member part No. 205-09-101
205B15 31.05.67	A B C D E	Modification of Forward flap-down control cable part No. 205-6-109-01
205B16 04.08.67	A B C D	Inspection of Delco-Remy voltage regulator
205B17 25.09.67	A B C D	Installation of a cable guard assembly for the center aileron control pulley mounted on the control column

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205B18A 24.05.69	C D	Modification of operating limitation of engine Lycoming IO-360-A1A, using propellers Hartzell HC-C2YH-1B/7666A-2
205B19 13.01.68	A B C D E	Replacement of rubber grommets installed in the control and tachometer passage holes through the firewall with metallic plates, and application of "Fireproof Insulation" sealant on the electrical cable passage hole through the firewall and other areas of firewall and nose wheel well rear bulkhead
205B20 22.03.68	A B C D E	Installation of reinforcements on the lower part of fuselage frame No. 2, at the rudder control bellcrank brackets and on the stringers of the fuselage belly skin, at the outboard rudder pedal support tube brackets
205B21 06.05.68	A B C D E	Modification of markings of suction gage "Garwin" part No. 22-880-01-B (Siai MARCHETTI No. NS5F017)
205B22B 19.11.69	A B C D E F	Preflight inspection of engine controls and relative support console and installation of a strut, P/N 205-06-179-03, on the rigid section of center engine control
205B23 22.11.69	A B	Inspection of carburetor air induction box flapper valve part No. 205-5-020-07, and modification of carburetor air induction box, part No. 205-5-020-01, installed on engines Lycoming O-360-A1A
205B24 20.03.70	C D F G	Overvoltage relay Delco-Remy, P/N 115832 (Optional)
205B25 03.04.70	A B C D E	Modification of flap control lever parts
205B26 10.11.70	E	Inspection of P/N 5656774 mechanical (engine-driven) fuel pump installed on engines Franklin 6A-350-C1
205B27A 07.10.77	A B C D E F G	Inspection of fittings connecting the MLG wheel axles to strut tubes assemblies P/N's 205-9-024 and -025
205B28 11.05.71	A B C D E F G	Inspection and/or modification (by installation of reinforcements) of fuselage frame No. 2 BIS, P/N 205-1-043-01, in the areas of front spar attachments
205B29A 15.12.71	A B C D E F G	Inspection and modification of wing tank fuel level transmitter recessed areas or of water drain tubes of the same
205B30A 08.01.72	F G	Drilling of fuel drain holes on the lower side of the engine cowling and on carburetor air intake box
205B31B 09.11.73	A B C D E F G	Replacement of plates for passage of the aileron and flap control cables. Inspection and replacement of the aileron and flap control cables
205B32 19.11.71	A B C D E	Installation of grease fittings for the eye bolts, P/N 205-9-047-11, connecting the articulated drag braces to the main landing gear cross members
205B33 08.01.72	A C	Inspection and modification of Nose landing gear drag brace, P/N 205-9-135 and of the area around drag brace attachments P/N 205-1-059-01
205B34 25.02.72	E	Inspection and replacement of alternator bracket P/N 20619

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205B35 13.03.72	A B C D E	Installation of new pins and bolts with grease fitting on main and nose landing gear torque links
205B36A 28.06.72	A B C D E	Inspection or replacement of the Main Landing Gear cross members P/N 205-9-012-and -013 (REPLACED BY SB No. 205B48)
205B37E 21.10.88	A B C D E F G	Inspection and/or replacement of internal brackets P/N 205-3-033-18 and 205-3-034-18 and washers P/N AN960-516L located on the Rib No. 2 area
205B38A 22.12.73	A B C D E F G	Replacement of landing gear warning flasher, Veam IS-3000 or Carello 24V, with a new one, ribali mod.R40S, together with the relative relay, Leach Eso -C2-A or HiG 2K1B126
205B39 19.09.73	B D E F G	Inspection and/or modification of the bracket actuator P/N 205-6-209-03 installed on the frame No. 5
205B40 07.04.75	B D E F G	Inspection and/or replacement of the Landing gear actuator attaching fork P/N 205-6-214-15 (REPLACED BY SB No. 205B62)
205B41 03.01.76	A B C D E F G	Lubrication of bushings P/N 205-3-049 and P/N 205-3-043 (main landing gear) P/N 205-1-046 (nose landing gear) and P/N 205-1-059-13 (nose gear drag)
205B42 03.01.76	A B C D E F G	Inspection and reinforcement of wing rear spars in correspondence with the aileron hinge bracket attachments
205B43A 16.09.77	A B C D E F G	Inspection and /or replacement of propeller governor arm P/N 205-6-169-11 or P/N 260-13-49-01 with a steel arm P/N 260-13-274-01
205B44 03.07.76	A B C D E F G	Inspection and replacement (when required) of L.G. control switch P/N 205-8-069-01
205B45B 06.07.78	C D	Replacement of engine induction valve assembly P/Ns 205-5-055-01, 205-5-055-101 or P/N 205-5-056-07, with valve assy P/N 205-5-260-01
205B46 28.12.76	A B C D E F G	Locking of bolts NAS1104-1 securing the stroke stop plate P/N 205-9-101-23 installed on the nose gear brace assy P/N 205-9-101-05
205B47A 01.10.79	A B C D E	Inspection for cracks or breakages of flap control lever P/Ns 205-6-052-01, -03, -101, -103
205B48F 02.02.95	A B C D E F G	Inspection of cracks and/or breakages, if any, of the main gear brace assy P/Ns 205-9-012 and 205-9-013 (even if already modified in accordance with the instructions of S.B. No. 205B36), P/N 205-9-012-05 and P/Ns 205-9-013-05, 205-9-502-01, 205-9-502-02, 205-9-012-07, 205-9-013-08, 205-9-502-03 and 205-9-502-04
205B49B 28.05.93	B D E F G	Inspection and/or replacement of dampers P/N J1829-1 installed on landing gear actuator P/N 423W3 or P/N 205-6-504-01
205B50 07.10.77	B D E F G	Inspection and/or replacement of the torque tube assy P/N 205-6-223-01 with an improved torque tube P/N 205-6-223-05
205B51 07.10.77	B D E F G	Replacement of bushings P/N 205-9-052-21 with bushings P/N 205-9-054-13 and installation of a bolt assy P/N 205-9-054-01 provided with a suitable lubricator on the main gear drag brace assy P/N205-9-052-01

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205B52 12.09.80	D	Replacement of the two retraction limit microswitches P/N MK4BR with a new type P/N 260-14-144-03
205B53		NOT ISSUED
205B54		NOT ISSUED
205B55 11.12.81	C D	Mandatory modification of fastening between the assy butterfly valve P/N 205-5-260-09 and joint-pin valve P/N 205-5-260-07, of the engine induction valve assy P/N 205-5-260-101 e P/N 205-5-260-01. (the last, supplied with KIT of the S.B. 205B45B dated 6 July 1978)
205B56 20.11.81	E	Mandatory inspection of mufflers assy, of exhaust system installation
205B57 06.12.83	A B C D E F G	Inspection and modification of wing rear spar in the flap bracket attachment areas. (SUPERSEDES T.S.B. No. 205/001 OF 3/11/1983)
205B58 02.02.95	A B C D E F G	Control cable eye end inspection
205B59 24.07.95	F G	Inspection and / or replacement of spring P/N S205-6-205-13 installed on nose landing gear rod P/N S205-6-208-09 and main landing gear rods P/N S205-6-206-09/-10
205B60 24.07.95	A B C D E F G	Replacement and / or inspection of flaps cable pulley bracket P/N S205-6-055-01/-05 and pulley P/N S205-6-055-13/-15
205-SB-061 15.01.98	A B C D E F G	Periodic inspection for integrity of sheath protecting cables of engine controls
205B62 22.12.00	B D E F G	Replacement of clevis rod end P/N S205-6-214-15 (made of aluminium alloy) fitted to landing gear actuator. Inspection and replacement (if required) of clevis rod end P/N S205-6-214-07 (made of aluminium alloy) and installation of new clevis rod end P/N S205-6-214-09 (made of steel)
205B63 11.07.02	B D E F G	Rigging of control rods in nose and main landing gear retraction linkage
205B64		NOT ISSUED
208B64 30.09.09	F	Aircraft S208 Serial N° 2-22 (I-SJAZ) Special repair skin wing P/N 205-3-020-13
205B65 R1 12.11.12	F G	S208/S208A All Civil version aircraft equipped with a Lycoming O-540 "wide cylinder flange" engine. Set Screw P/N AN565B1032H() propeller governor idler gear shaft inspection
205B66 R2 16.09.13	G	N/A FOR CIVIL CONFIGURATION TYPE

SERVICE INSTRUCTIONS INDEX

S.I. No.	CODE	TITLE
205SI01A 10.06.68	B D E	Check and adjustment of clearance between the main landing gear tires and wheel well openings on the wing
205SI02A 28.06.69	A B C D E	Lubrication of eye bolts, p/n 205-9-047-11 connecting the main landing gear articulated drag braces to the main landing gear cross members, and other landing gear control mechanism lubrication points
205SI03		CANCELLED. SEE S.B. No. 205B36
205SI04 10.06.68	E	Modification of green arc of P/N S205-22/R cylinder head temp. Indicator
205SI05 23.07.68	A B C D E F G	Instructions for correct use of pilot's and copilot's seat adjusting feature
205SI06 21.02.69	C D	Inspection of flapper valve, P/N 205-5-055-09, installed in the induction alternate air box of Lycoming engine IO-360-A1A type
205SI07 02.08.68	A B C D E	Inspection of fuel system main line due to chafing possibility
205SI08 19.09.68	E	Improvement of fuel system installation
205SI09 28.06.69	A B C D E	Interference between the flap control lever and the fuel tank selector control knob
205SI10 28.11.69	A B C D E	Inspection of fin leading edge and modification of fuselage dorsal fin (plastic type)
205SI11 07.04.70	A B C D E F G	Inspection of fuselage frame No. 1
205SI12 11.12.70	A B C D E	Inspection / Reinforcement of oil cooler attachment legs
205SI13 12.12.70	A B C D E F G	Replacement of flap control cable roller, P/N 205-6-055-13, installed on the main spar
205SI14 16.01.71	A B C D E	Fuel selector valve P/N 205-8-210-01
205SI15 25.02.71	A B C D E F G	Reinstallation of optional overvoltage relay (Delco Remy, p/n 1115832, or Prestolite p/n 78060) and modification of relay system
205SI16 29.03.72	A B C D E	Replacement of nose gear articulated drag brace p/ns 205-9-142-05 or -09, with the new articulated drag brace of press formed type, p/n 205-9-142-103
205SI17 28.12.76	A B C D E F G	Optional installation of brackets fitted with greasers p/n 205-3-048-1 and p/n 205-3-047-1 in replacement of the correspondent brackets p/n 205-3-048 and p/n 205-3-047 (located on the rear spar). Optional installation of brackets fitted with greasers p/n 205-3-042-1 and p/n 205-3-041-1 in replacement of the correspondent brackets p/n 205-3-042 and p/n 205-3-041 (located on the wing main spar)

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205SI18 16.11.77	A B C D E F G	Optional replacement of battery p/n 62440, AC54 or AC54M (Exide) with a Rebat S25M model
205SI19 13.10.78	A B C D E F G	Optional installation kit for inertia reel front seat belts
205SI20 12.05.78	A B C D E	Optional replacement and/or modification of the landing gear control rods
205SI21		NOT ISSUED
205SI22 06.06.80	D	Optional modification of the dual control brake system subsequent to the installation of a hydraulic fluid recovery reservoir
205SI23 14.07.80	A B C D E F G	Optional repairing of elevators control rocker arm assy P/N 205-6-022
205SI24 14.10.83	A B C D E F G	Replacement of cracked/broken battery supports P/N 205-1-007
205SI25 26.03.84	A B C D	Oil cooler modification to eliminate possible trigger of cracks
205SI26A 02.02.95	A B C D E F G	Repair procedure of the main gear brace assy
205SI27 21.10.88	A B C D E F G	Repair of wing lower panels P/Ns S205-3-020-01/ -02/ -05/ -06

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S.L. No.	CODE	TITLE
205SL01 02.06.68	A B C D E	Inspection of fuel level indicator transmitters p/n 205-8-095-01
205SL02 24.10.68	A B C D E	Main and nose landing gear torque arm pins/bolts lubricable by means of grease fittings. (REPLACED BY SB No. 205B35)
205SL03 26.10.68	A B C D E	Nose landing gear articulated drag brace of press formed type. (REPLACED BY SI No. 205SI-16)
205SL04 10.11.68	A B C D E	Nose landing gear drag brace attachments of new design. (REPLACED BY SB No. 205B33)
205SL05 23.06.69	A B C D E F G	Cleaning the transparent plastics installed on the a/c
205SL06 28.11.69	A B C D	Issue of new Service Bulletin No. 205B22B superseding the preceding S.B. No.205B22A dated July 5,1969.
205SL07 10.02.70	A B C D	Wrong P/N of a part contained in the kit required for compliance with the S.B. No. 205B22B
205SL08 14.05.70	A B C D E F G	Lubrication of eye bolts P/N 205-9-047-11 or -13 connecting the main landing gear articulated drag braces to the main landing gear cross members
205SL09 25.09.70	A B C D E F G	Reinstallation of optional overvoltage relay Delco Remy P/N 1115832 or Prestolite P/N 78060. (REPLACED BY SI No. 205SI-15)
205SL10 20.01.76	A B C D E F G	Checking of fuel quantity indications
205SL11 29.12.76	A B	Inspection and repair, if required, of the shroud of heater P/N 205-5-036-01
205SL12 11.06.76	A B C D E	Overhaul of Hartzell propellers HC-C-2YK-1B-7666A-1
205SL13 15.12.76	A B C D E F G	Inspection of landing gear control switch P/N 205-8-069-01
205SL14		NOT ISSUED
205SL15 14.01.77	A B C D E F G	Fuel level indicator
205SL16 25.10.77	A B C D E F G	Replacement of battery 62440 AC54 or AC54M (Exide) model
205SL17		NOT ISSUED

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205SL18 17.03.78	A B C D E	Optional replacement and/or modification of the landing gear control rods
205SL19		NOT ISSUED
205SL20		NOT ISSUED
205SL21		NOT ISSUED
205/208SL22 08.06.87	A B C D E F G	Safety hazard valve P/N MS28889 check
205/208SL23 08.06.88	A B C D E F G	Mechanical Products Inc. circuit breakers
205SL24		NOT ISSUED
205/208SL25 08.02.88	A B C D E F G	Inspection and replacement if necessary of Eaton Corp. Valve caps 637/MS20813-1
205SL26 18.05.88	A B C D E F G	P/N MS3456W14S-5S connectors inspection
205SL27A 18.09.89	A B C D E F G	Preservation/depreservation, storage of fuel tanks and related accessories. Corrosion treatment
208SL28 16.02.89	F G	Tachometer replacement applicable to S208 (all model) A/C only
205/208SL29 28.07.93	A B C D E F G	Fuel tank pressure test procedure
205SL30		NOT ISSUED
205/208SL32 19.05.98	A B C D E F G	Transfer of S205() / S208() programs from SIAI Marchetti to Aermacchi S.p.A.
S205/208SL34 11.10.02	F G	Reprint of Mandatory Service Bulletin "LYCOMING" N° 554
205/208SL35 03.07.03	F G	Reprint of Mandatory Service Bulletin "LYCOMING" No. 240S
205/208SL36 02.10.03	F G	Reprint of Mandatory Service Bulletin "LYCOMING" No. 557

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205/208SL37 Rev. 1 07.08.17	A B C D E F G	N/A FOR CIVIL CONFIGURATION TYPE
208SL-28	A B C D E F G	S208 AIRCRAFT – Leonardo Aircraft Division (LAD) PORTAL USER GUIDE
205SL-38	A B C D E F G	S205 AIRCRAFT – Leonardo Aircraft Division (LAD) PORTAL USER GUIDE

TECHNICAL INSTRUCTIONS INDEX

T.I. No.	CODE	TITLE
205I01 09.11.66	A B C D	Installation and adjustment of two additional Main landing gear (DOWN-LOCK) indicator light microswitches
205I02 12.03.68	E	Aircraft S205-22/R Reassembly and ground checks of aircraft shipped in crate
205I03A 13.06.69	E F G	Aircraft S205-22/R and S208 fifth seat installation (dwg No. 205-0-027-01)
205I04A		Installation of grease fittings for the eye bolts, P/N 205-9-047-11, connecting the main landing gear articulated drag braces to the main landing gear cross members. (CANCELLED SEE SI No. 205SI-16)
205I05 21.02.69	C D	Replacement of flapper valve of induction alternate air box installed on engine IO-360-A1A
205I06 25.07.68	E	Installation of outside engine oil filter on aircraft S205-22/R
205I07A 13.06.69	A B C D E F G	Installation of optional wing tip fuel tanks on aircraft S-205,all models and on the S208 a/c
205I08 27.12.68	E	Installation of baggage compartment windows on aircraft S-205-22/R
205I09		Instructions for replacements of nose landing gear drag brace attachments P/N 205-1-059-12, with new attachments, P/N 205-1-180-01 and -02 on the S-205 all models. (CANCELLED SEE SB No. 205B33)
205I10		NOT ISSUED
205I11 13.06.69	E	Installation of winterization kit, P/N 205-5-157-01 on aircraft S-205-22/R
205I12 22.11.69	A B	Modification of carburetor air induction box and replacement of carburettor air induction box flapper valve installed on aircraft S-205-18/F and -18/R
205I13 03.04.70	A B C D	Replacement of flap control lever parts on aircraft S-205, all models
205I14 11.05.71	A B C D E F G	Installation of reinforcement on fuselage frame No. 2 BIS P/N 205-1-043-01 in the areas of front spar attachments
205I15A 25.11.77	E F G	Transformation of Aircraft Model S-205/22R into Model S-208
208I01 26.07.73	F G	Transformation of the S208 aircraft into S208A