



SERVICE INSTRUCTION

SI-24-03
Revision 0

TITLE: Main Battery Substitutions

SUBJECT / REASON / DESCRIPTION:

This service instruction allows for the substitution of the “Gill G-243” lead acid battery with one of three other batteries.

COMPLIANCE:

Compliance is optional.

EFFECTIVITY:

All FBA-2C1 and FBA-2C2 airplanes

APPROVAL:

This modification has been approved by FAC Engineering and TCCA where applicable.

MANPOWER REQUIREMENTS:

It is estimated that the modification will take approximately 1.0 hours. This excludes labor necessary to open and close the aircraft, and work is performed by experienced personnel.

SPECIAL TOOLS / EQUIPMENT:

N/A

PARTS LIST (BILL OF MATERIALS):

The following P/Ns are acceptable replacements for the factory supplied Gill G-243 battery:

Concorde	P/N	RG24-11M, or
Concorde	P/N	RG24-15M, or.
Gill	P/N	G-243S

Found Aircraft Canada Inc.

R.R.#2, 95 Airport Rd., Parry Sound, Ontario, Canada, P2A 2W8
T (705) 378-0530 F (705) 378-0594

www.foundair.com

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WEIGHT & BALANCE:

Manufacturer	Part Number	Rate Amps 1 hr (C1)	Weight (lbs)	Manufacturer Doc #	Δ C.G.
Gill (Original)	G-243	10	28 lbs	Q01-1120	N/A
Gill	G-243S	13	28.79 lbs	Q01-1100	+0.79 @ -23.875
Concorde	RG24-11M	11	26.5 lbs	5-0142	-1.5 @ -23.875
Concorde	RG24-15M	13.6	29.5 lbs	5-0142	+1.5 @ -23.875

DRAWINGS/MANUALS:

Maintenance Manual FAC2-M200

IMPLEMENTATION INSTRUCTIONS:**FOR CONCORDE REPLACEMENT BATTERIES:**

Remove and replace the G243 battery with either of the specified replacement batteries per the maintenance manual FAC2-M200, the Concorde ICA document # 5-0142 and the instructions contained in this service instruction.

The replacement battery shall be maintained in accordance with “Concorde” ICA # 5-0142.

Note: A copy of ICA #5-0142 may be obtained from Concorde at:

CONCORDE BATTERY CORPORATION
2009 San Bernardino Road
West Covina, CA 91790
Tel 626-813-1234
www.concordebattery.com

FOR GILL REPLACEMENT BATTERIES:

Remove and replace the G243 battery with the specified Gill VRLA replacement battery per the maintenance manual FAC2-M200, the manufactures ICA document # Q01-1100 and the instructions contained in this service instruction.

The replacement battery shall be maintained in accordance with “Gill” ICA # Q01-1100.

Note: A copy of ICA #Q01-1100 may be obtained from Gill at:

Teledyne Battery Products
640 West Brockton Avenue
Redlands, CA 92374
909-793-3131
www.gillbatteries.com

LOG BOOK CERTIFICATION:

1. Update Log Book to state, “Service Instruction SI-24-03, Main Battery Replacement” accomplished, new battery p/n (specify) installed”