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AN AGUSTAWESTLAND COMPANY

BOLLETTINO TECNICO

N° **139-085**

The technical content of this document is approved under the authority of DOA nr. EASA.21J.005

DATE May 18, 2007

REV. /

Compliance with this bulletin is: **MANDATORY**

SUBJECT: Fire Extinguisher Bottle Assy P/N 3G2620V00131

REASON: some bottles have been found with electrical receptacles installed on wrong outlet ends.

HELICOPTERS AFFECTED: AB139/AW139 helicopters from S/N 31005 up to S/N 31067 (except S/N 31007) and S/N 31070, S/N 31071.

NOTE

Checks have to be extended to all bottles in stock

COMPLIANCE: within 100 flight hours or 3 months from receipt of this Bollettino, whichever comes first.

DESCRIPTION: this Bollettino is issued to provide the necessary instructions to verify the correct installation of electrical receptacles/connectors on the cartridges installed on the extinguisher bottles.

REQUIRED MANPOWER: it is estimated that in order to accomplish this Bollettino 1 (one) man-hour is necessary.

WARRANTY:

- If the fire bottle has to be replaced in accordance to this Bollettino Tecnico, upon request, the material shall be supplied on a free of charge basis by Agusta;
- Upon application of this Bollettino, Customers are requested to submit to Agusta Warranty Administration a Maintenance Malfunction Information Report duly completed in all its parts.

REQUIRED MATERIALS:

P/N	*Nomenclature*	*Qty*
3G2620V00131	Fire extinguishing bottle assy	AR

SPECIAL TOOLS: N.A.

WEIGHT AND BALANCE CHANGES: N.A.

REFERENCES:

- ✓ AW139 Aircraft Maintenance Publication (AMP)
- ✓ AW139 Illustrated Tools and Equipment Publication (ITEP)

PUBLICATIONS AFFECTED: N.A.

COMPLIANCE INSTRUCTIONS:

1. Prepare the helicopter for a safe ground maintenance. Disconnect the battery and all the electrical power sources and/or the external power supply.

2. Put the left platform (GG-01-00), or an approved alternative, adjacent to the left side of the fuselage. Refer to Illustrated Tools and Equipment Publication (see data module n° 39-A-GG-01-00-00A-066A-A).

3. With reference to figure 1, open the access door 480BL. Refer to Aircraft Maintenance Publication (see data module n° 39-A-06-41-00-00A-010A-A).

4. With reference to figure 2, gain access to the Number 1 fire extinguishing bottle.

5. With reference to figure 3, make sure that:

   a. Receptacle P/N 30903914-1 is installed on outlet end P/N MS33514G12.

NOTE

Outlet end P/N MS33514G12 is the most distant from the central mounting lug of the bottle assy.

   b. Receptacle P/N 30903915-1 is installed on outlet end P/N AS4395G12.

NOTE

Outlet end P/N AS4395G12 is the closest to the central mounting lug of the bottle assy.

6. If the receptacles are found to be inverted, replace the defective bottle with a bottle P/N 3G2620V00131 having the receptacles in the proper position. Refer to Aircraft Maintenance Publication (see data modules n° 39-A-26-21-01-00A-520A-A and n° 39-A-26-21-01-00A-720A-A for Number 1 fire extinguishing bottle and data modules n° 39-A-26-22-01-00A-520A-A and n° 39-A-26-22-01-00A-720A-A for Number 2 fire extinguishing bottle).

NOTE

Bottles suspected to have the aforementioned defect are identified with S/N less than 56822B1 (bottle S/N coding is as XXXXXB1 and is located on the bottle placard shown in figure 4).

7. Report any finding related to this Bollettino to AgustaWestland Customer Support Engineering.
   Contact AW139 Customer Support Engineering (aw139.mbx@agustawestland.com).

8. With reference to figure 2, gain access to the Number 2 fire extinguishing bottle and repeat steps 5. thru 7.

9. Return helicopter to flight configuration.

10. Repeat steps 5. thru 7. to check the correct installation of spare bottles P/N 3G2620V00131 kept in stock.

11. Record for compliance of this Bollettino.

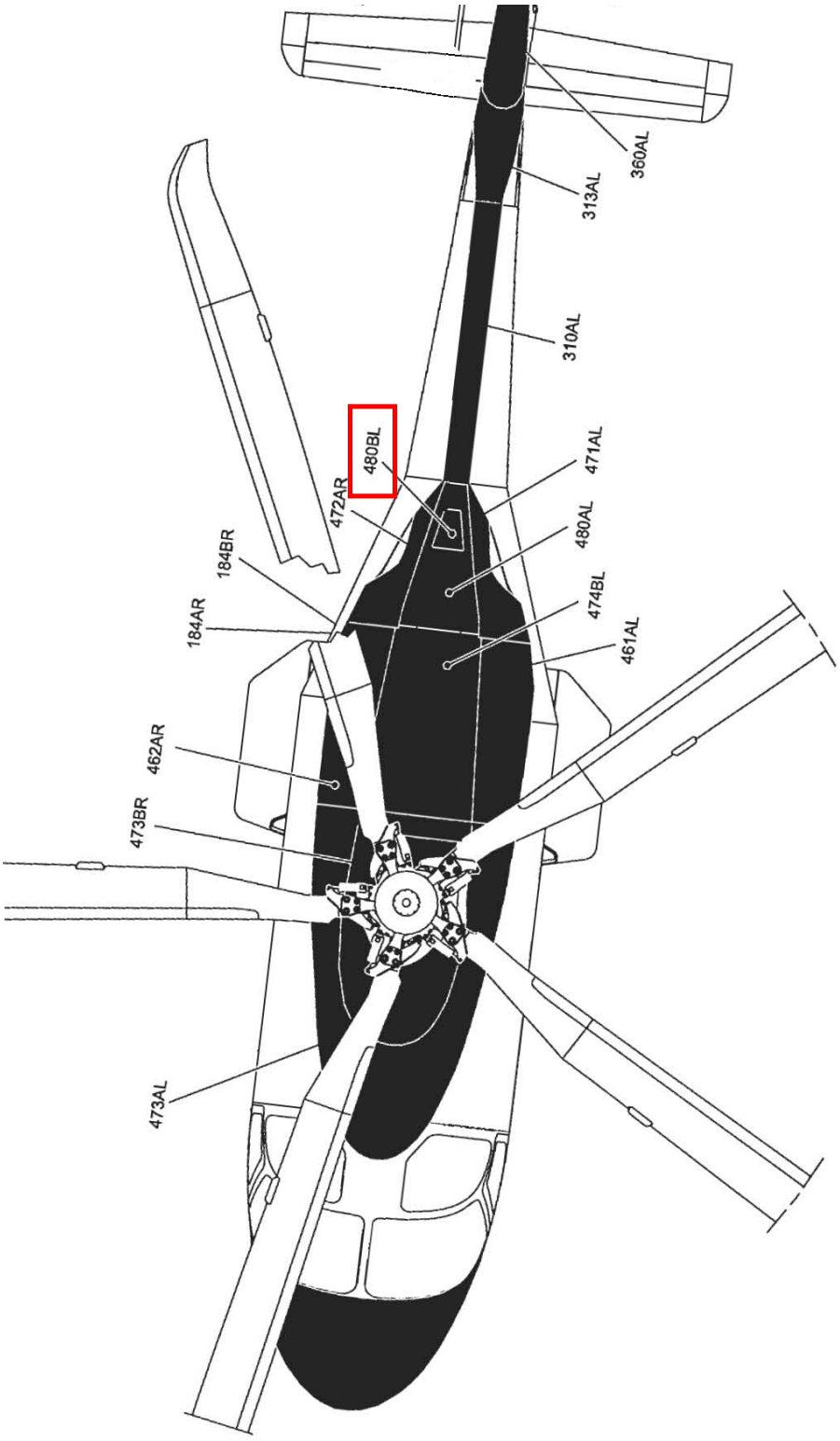
360AL
313AL
310AL
480BL
472AR
471AL
480AL
184BR
474BL
184AR
461AL
462AR
473BR
473AL

Figure 1

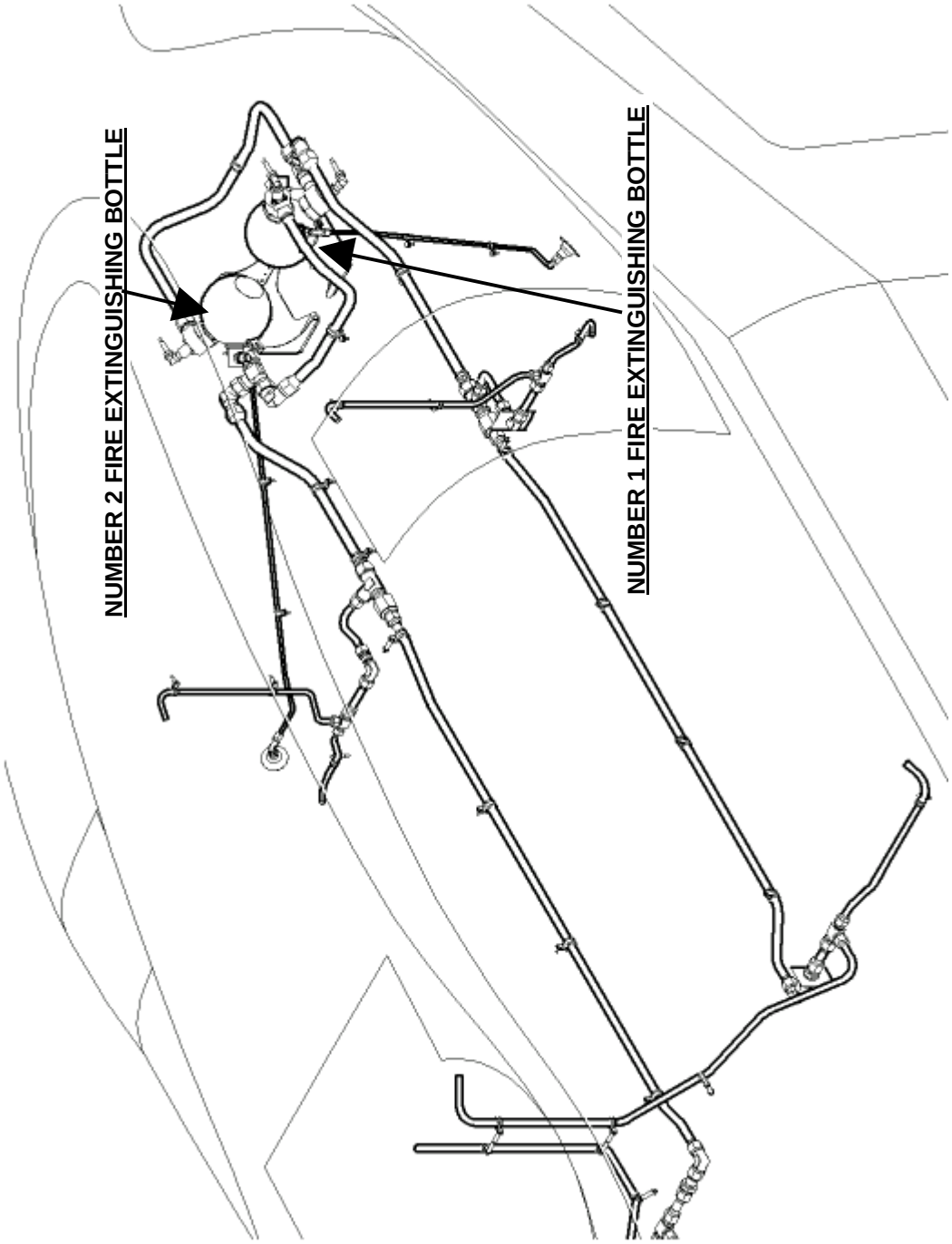
NUMBER 2 FIRE EXTINGUISHING BOTTLE
NUMBER 1 FIRE EXTINGUISHING BOTTLE

Figure 2

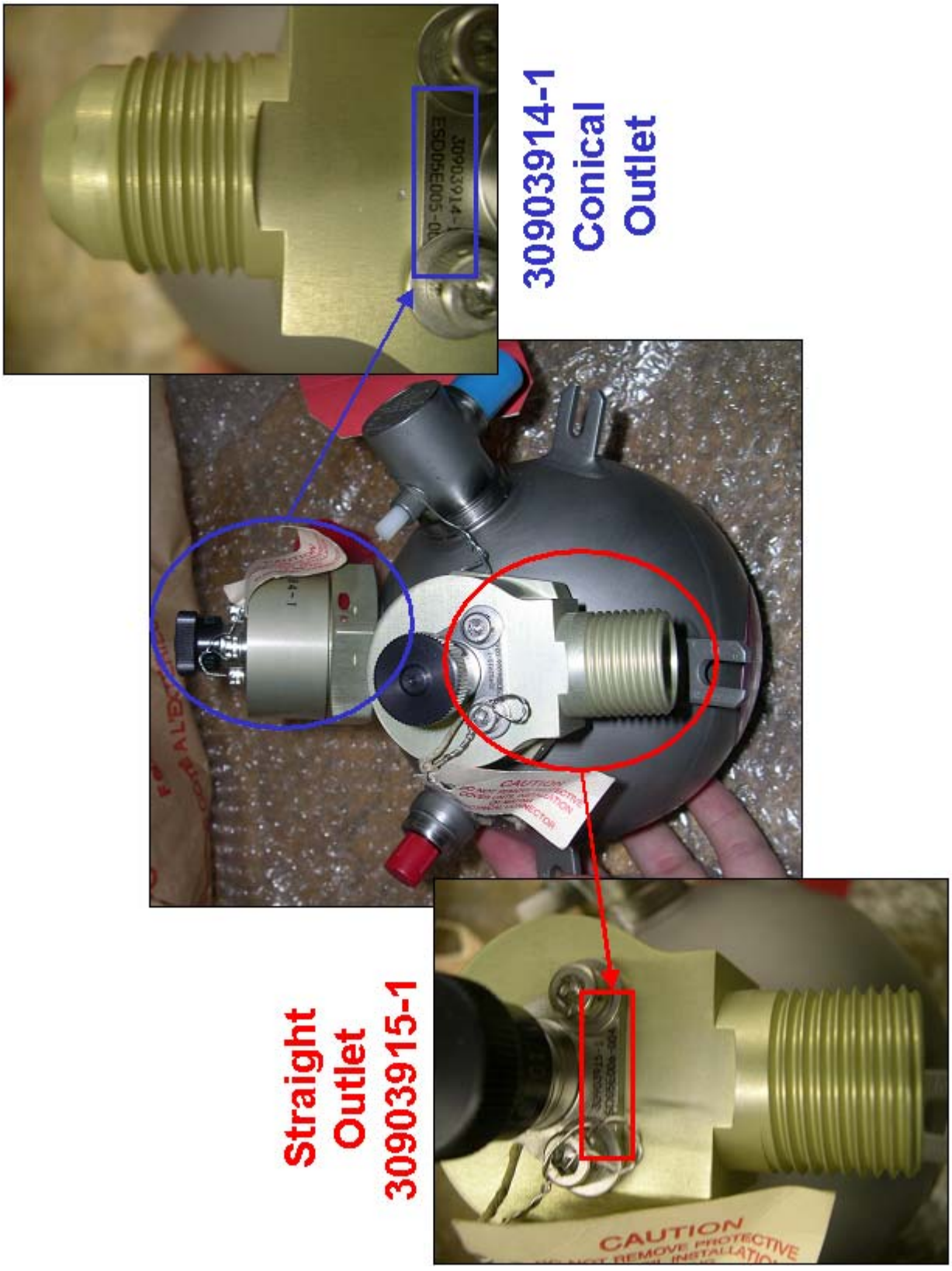
30903914-1
Conical
Outlet
Straight
Outlet
30903915-1
CAUTION
REMOVE PROTECTIVE

Figure 3


IDENTIFICATION PLACARD
PACIFIC SCIENTIFIC
HTL/Kin-Tech Division
FSCM 05167
EXTINGUISHER
CHARGE DATE
GROSS WT
LBS
WITH CARTRIDGE & OUTLETS
WITHOUT
CAUTION

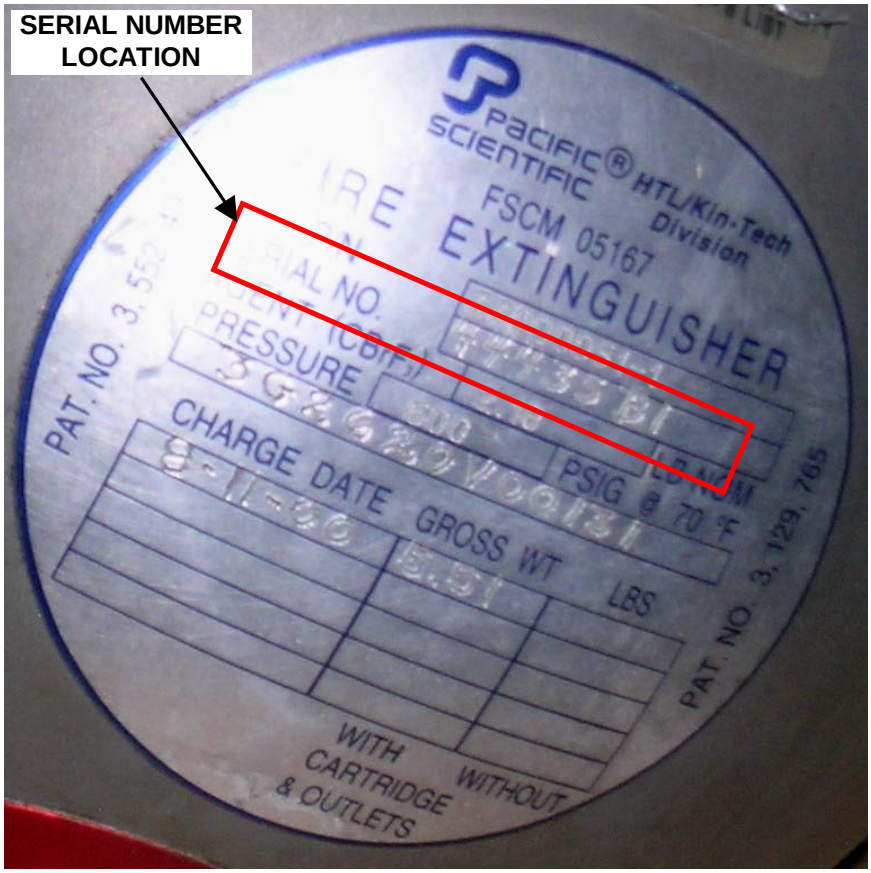
SERIAL NUMBER LOCATION
PACIFIC SCIENTIFIC
HTL/Kin-Tech Division
FSCM 05167
EXTINGUISHER
PRESSURE
PSIG @ 70 °F
CHARGE DATE
GROSS WT
LBS
WITH CARTRIDGE & OUTLETS
WITHOUT
PAT. NO. 3,129,765

Figure 4

AGUSTA
AN AGUSTAWESTLAND COMPANY

Prego spedire a questo indirizzo: *Please send to the following address:* **AGUSTA S.p.A.** **VICE DIREZIONE GENERALE** **CUSTOMER SUPPORT** Via per Tornavento, 15 21019 Somma Lombardo (VA) - ITALY Tel.: +39 0331 711100 Fax: +39 0331 711397	**MODULO APPLICAZIONE BOLLETTINO TECNICO** *TECHNICAL BULLETIN COMPLIANCE FORM* Numero: *Number:* Revisione: *Revision:*	Data: *Date:*

Denominazione Cliente ed Indirizzo: *Customer Name and Address:*	Telefono: *Telephone:* Fax: Data Applicazione B.T.: *B.T. Compliance Date:*

Modello Elicottero *Helicopter Model*	S/N	Matricola *Tail Number*	Ore Totali *Total Hours*	Ore D.U.R. *T.S.O.*

Note:
Remarks:

Informazioni:
Information:

Al fine di gestire le varianti alla configurazione base, in relazione all'emissione del Bollettino Tecnico, preghiamo di voler compilare il presente modulo in tutte le sue parti e spedirlo all'indirizzo sopra indicato. Si ringrazia per la gentile collaborazione data.

We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address. We thank you beforehand for the information given.