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CARRIER, ARMoured STAFF VEHICLE, FULL TRACKED, MK 2 AND 2/1 FV436 (ASV)

INSTALLATION INSTRUCTIONS AND INDEX

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BY COMMAND OF THE DEFENCE COUNCIL

Kenn Trewin

Ministry of Defence
Issued by
DEFENCE LOGISTICS ORGANISATION

QLIS
11 MAR 2002
DLO Chertsey

AMENDMENT RECORD

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PREFACE

Sponsor:
DGES(L)
File ref:

Publication Agency:
DLO Chertsey
Project No: S01008 (4)
File ref:

INTRODUCTION

- 1 The Publication Agency is responsible for the allocation of instruction numbers.
- 2 All installation instructions as issued are to be recorded in manuscript by the recipient on the Numerical Installation Instruction Index provided. Amendments to individual instructions are to be recorded on the instruction amendment record. All extant instructions and amendments can be found listed in the main AESP index.

NOTE

The Publication Agency is responsible for the preparation and maintenance of the Instruction Index and will advise the Distribution Authority on the issue of completed and subsequent blank index pages necessary.

- 3 Service users should forward any comments on this publication through the channels prescribed in AESP 0100-P-011-013. An AESP Form 10 is provided after the preliminary pages of this publication; it should be photocopied and used for forwarding comments on this AESP to ATSA DLO.
- 4 AESPs are issued under Defence Council authority and where AESPs specify action to be taken, the AESP will of itself be sufficient authority for such action and also for the demanding of the necessary stores.

INSTALLATION INSTRUCTION INDEX

Instr No. (1)	Subject (2)	Approval No./ Remarks (3)
1	Additional stowage	43/6/0011. Stowage bin to be fitted as required by the user.
2		
3		
4		
5		
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Instr No. (1)	Subject (2)	Approval No./ Remarks (3)
12		
13		
14		
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COMMENT(S) ON AESP*

To: DCCS
BFPO 794

From:
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Sender's Reference	BIN Number	Date
AESP* Title:		
Chapter(s)/Instruction	Page(s)/Paragraph(s)	
If you require more space, please use the reverse of this form or a separate piece of paper. Comment(s):		

Signed: Telephone No:.....
Name (Capitals):..... Rank/Grade..... Date:
X

FOR AESP* SPONSOR USE ONLY

To: From:
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Thank you for commenting on AESP*
Your reference Dated

Action is being taken to:	Tick		Tick
Issue a revised/amended AESP*		Under investigation	
Incorporate comment(s) in future amendments		No action required	
Remarks			

Signed: Telephone No:
Name (Capitals):..... Rank/Grade:..... Date:

* AESP or EMER

AESP Form 10 (Issue 5.0 dated Nov 01)

CARRIER, ARMoured STAFF VEHICLE, FULL TRACKED, MK 2 AND 2/1 FV436 (ASV)

INSTALLATION INSTRUCTION NO. 1

Sponsor:

Publication Agency:
DLO Chertsey
Project No: S01008 (4)
File ref:

AMENDMENT RECORD

Amdt No.	Incorporated By (Signature)	Date
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Amdt No.	Incorporated By (Signature)	Date
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SUBJECT: Additional stowage
(Approval No. 43/6/0011)

INTRODUCTION

- 1 On receipt of this instruction all unofficial stowage modifications must be removed from all FV 430 series vehicles. This is a safety requirement and must be complied with.
- 2 This installation introduces an additional stowage bin on the roof of the vehicle. The fitting of this additional stowage bin is dependant on the user's requirement.

2.1 Limitations on use of equipment. Nil.

APPLICABILITY

- 3 The information in this instruction applies to all FV436 variants.

MAN HOUR CONTENT

- 4
 - 4.1 Estimated time for fitting: 1.5 man-hours.
 - 4.2 Estimated time for reversion: 0.5 man-hours.

INSTALLATION IMPLEMENTATION PLAN

- 5 This instruction is to be implemented by units authorised to carry out level 2 maintenance.

Action required by

- 6
 - 6.1 Units holding subject vehicles:
 - 6.1.1 The stores listed at Table 1 will be issued on the authority of the Equipment Support Manager (ESM) FV 430 who can be contacted on:
Andover Mil (94391) Ext 3668 or STD 01264 383668

6.1.2 The stores listed at Table 1 can be demanded through the FV430 ESM using the form at Annex A.

6.1.3 Record installation details in the vehicle documents (AB 413).

6.1.4 On receipt of stores, request REME/workshop to embody the installation kit.

6.2 Army units and establishments embodying this instruction:

6.2.1 When requested by the user embody this installation, or remove this installation.

6.2.2 Units embodying/removing this installation are to enter completion/removal details in the vehicle documents. (AB 413)

6.3 All recipients of this instruction. Add particulars to AESP 2350-T-253-412.

Equipment, tools and stores

7

7.1 Stores required are listed at Table1.

TABLE 1 STORES TO BE DEMANDED

Item (1)	NSN/Part No. (2)	Designation (3)	Qty (4)	Remarks (5)
1	2540-99-788-8101	✓ Box, accessories stowage.	1	
2	5340-99-730-9242	✓ Bracket mounting. <i>2200823</i>	4	
3	5306-99-122-2792	✓ Bolt, M12 x 70.	4	
4	5310-99-138-9229	✓ Washer, spring M12.	4	
5	5310-99-122-6477	✓ Washer, flat M12.	4	
6	5310-99-122-5298	✓ Nut.	4	
7	2540-99-457-4820	✓ Pad.	3	
8	2540-99-269-1339	✓ Pad.	1	
9	5305-99-122-2811	✓ Bolt, M16 x 50.	7	
10	5305-99-122-2810	✓ Bolt, M16 x 45.	1	
11	5310-99-138-9230	✓ Washer, spring M16.	8	
12	2540-99-582-5606	✓ Cover.	1	

ASSOCIATED MODIFICATION

8 Nil.

INSTALLATION ILLUSTRATIONS

9

Fig

- 1 View of the stowage bin and the location on FV436.
- 2 View of the hull mountings required to fit the roof stowage bin.

INSTALLATION PROCEDURE

Sequence of operations

10 Fig 1 indicates the position of the additional stowage bin that may be installed. Carry out the installation procedure if required.

WARNINGS

- (1) **PERSONAL INJURY. ENSURE THAT THE STOWAGE BIN IS EMPTY BEFORE FITTING.**
- (2) **PERSONAL INJURY. ENSURE THAT MANUAL HANDLING PROCEDURES ARE ADHERED TO WHEN FITTING THE STOWAGE BIN.**

NOTE

- (1) Welding is to be carried out by a Class 1 REME metalsmith to current regulations.
 - (2) Due to the location of the fuel filler cap, fuel tank and the insulation fitted to the inside of the hull, alternately skip weld the mountings, to prevent excessive heat build up in the hull, until a continuous fillet weld has been completed.
- 11 Ensure the mortar hatch is securely closed.
- 12 Grind away existing roof stowage mounting boss and tool retaining block from the roof at position 'A'.
- 13 Fit pads (item 7 and 8) to bracket mounting (item 2) using (items 9, 10 and 11). Fit bracket mountings (item 2) to the stowage bin (item 1) using (items 3, 4, 5 and 6) ensuring that the pad mountings are outermost, and that pad (item 8) is at the location indicated at arrow 'A'.
- 14 Fit stowage bin (item 1) to vehicle roof ensuring that the pads (item 7 and 8) are located at the dimensions indicated at Fig 2. Weld the pads (item 7 and 8) in position and restore paint finish to current regulations. Fit cover (item 12).

RESTORATION PROCEDURE

15 When the stowage bin is no longer required to be fitted to the vehicle it is to be removed. The pads (item 7 and 8) are to remain with the vehicle.

WARNINGS

- (1) **PERSONAL INJURY. ENSURE THAT THE STOWAGE BIN IS EMPTY BEFORE REMOVAL.**
- (2) **PERSONAL INJURY. ENSURE THAT MANUAL HANDLING PROCEDURES ARE ADHERED TO WHEN REMOVING THE STOWAGE BIN.**

16 Remove fittings (items 9, 10 and 11). Remove stowage bin (item 1) complete with fittings (items 2, 3, 4, 5, 6 and 12) from vehicle. Retain all fittings (items 2, 3, 4, 5, 6, 9, 10, 11 and 12) with stowage bin (item 1).

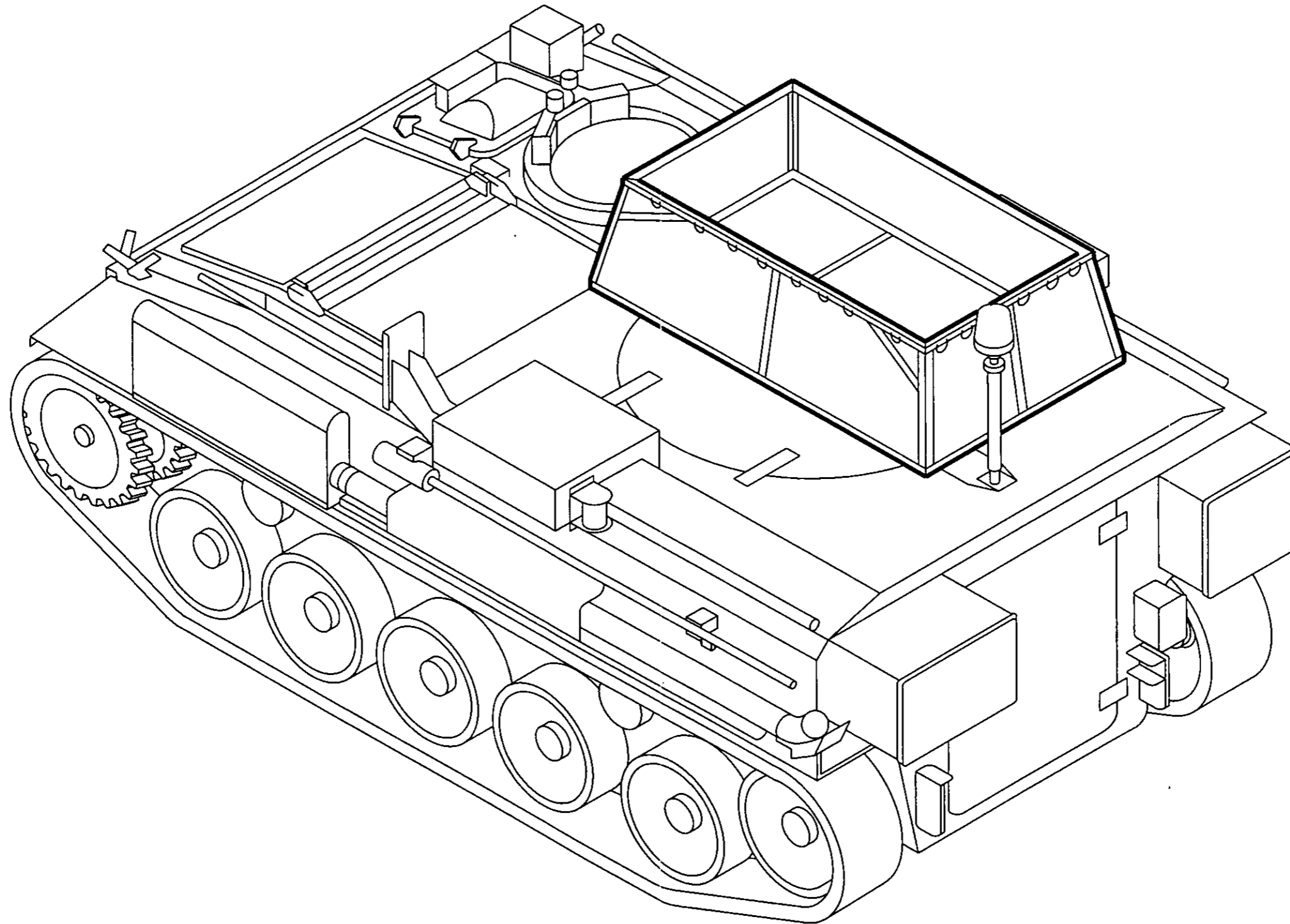
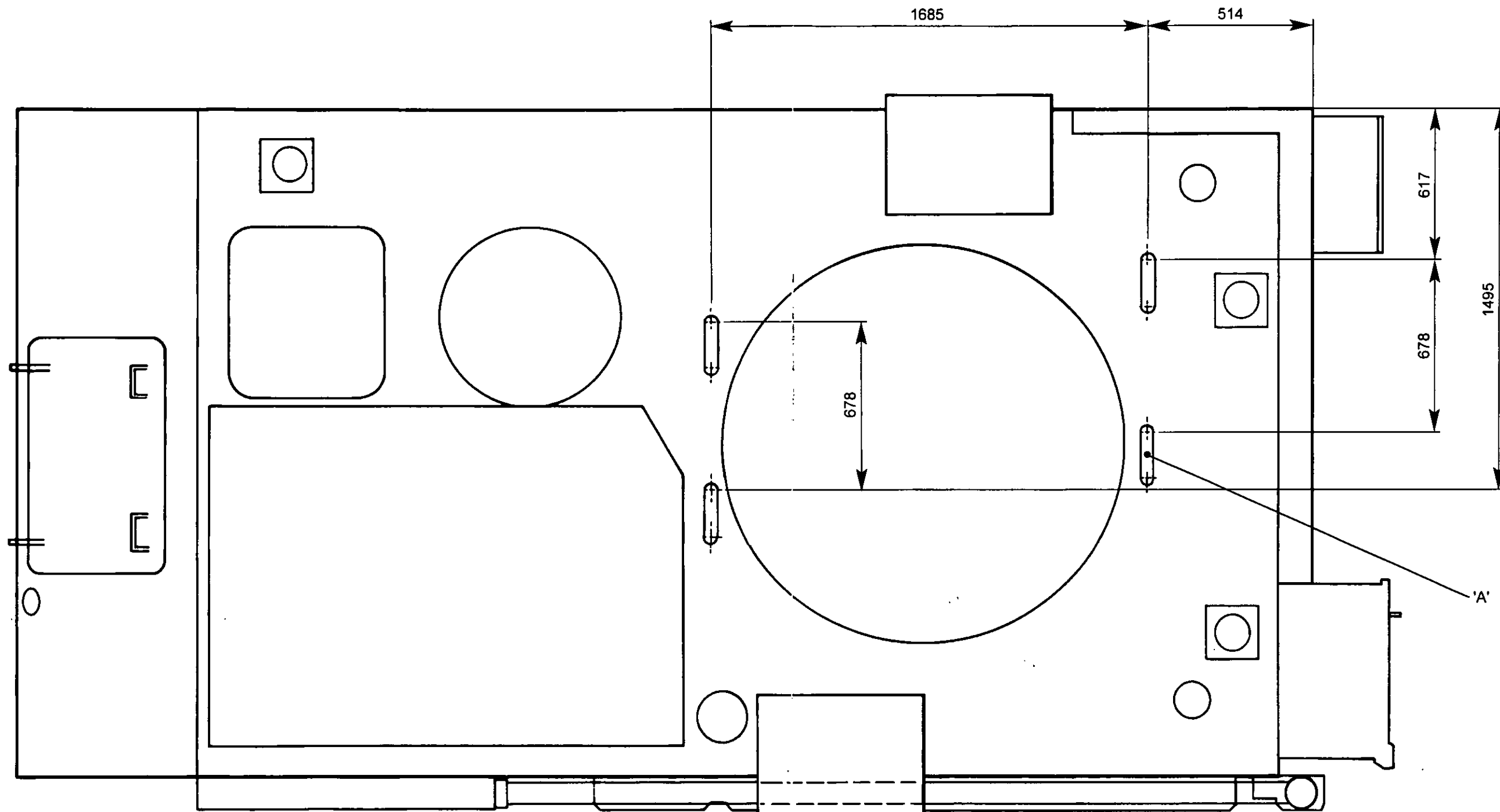


Fig 1 Stowage bin for FV436

V14811/1



DIMENSIONS IN mm

Fig 2 Hull mountings required to fit roof stowage bin

V14812/4

ANNEX A
REQUEST FOR FV430 ADDITIONAL STOWAGE BINS

To:
FV430 ESM
LASS IPT
DLO
Monxton Road
Andover
Hampshire SP11 8HT

I request the issue of the following stowage bins for VRN _____

This role that this vehicle is used for is:
(eg, Command Post,)

The variant is:

Item No.	NSN	Description	Qty
1	2540-99-788-8101	Box, accessories stowage.	
2	5340-99-730-9242	Bracket mounting.	
7	2540-99-457-4820	Pad.	
8	2540-99-269-1339	Pad.	
12	2540-99-582-5606	Cover.	

From:

Unit: UIN:	Delivery address:	Required date of delivery: Required time of delivery: Contact name: Tel No:
Name:	Signature:	Date: