



DEFENSE LOGISTICS AGENCY
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IN REPLY
REFER TO

DSCC – VAI (Robert W. Contino/ 614-692-0559)

19 December 2008

MEMORANDUM FOR VSS

SUBJECT: Dated Engineering Practice Studies (FSC 2910) to Review MIL-C-45300B; CAP, FUEL TANK: FOR MILITARY COMBAT AND TACTICAL TRANSPORT VEHICLES. Project Number: 2910-2008-001: Referenced defense standards; MS35645F; CAP, FUEL TANK: TACTICAL VEHICLE, FORDING. Project Number: 2910-2008-007 / MS51300E; CAP, FUEL TANK: COMBAT VEHICLE, SPILL-PROOF. Project Number: 2910-2008-009 / MS53075B; CAP, FUEL TANK TACTICAL VEHICLE, NON-VENTED. Project Number: 2910-2008-010 referenced MIL-C-45300 as the procurement specification. (See attached sheets)

Findings and recommendations on Engineering Practice Studies, dated 21 November 2008, and attachments are enclosed.

Upon your approval, this office will take the necessary electronic action to reflect completion of these projects.

Sincerely,

/ SIGNED /

ABDONASSER M. ABDOUNI
Chief,
Interconnection Branch

Enclosure: Attachment 1

ENGINEERING PRACTICE STUDIES
TITLE: REVIEW MIL-C-45300B DEFENSE SPECIFICATION
MS35645F; MS51300E; MS53075B DEFENSE STANDARDS

21 November 2008

STUDY TO REVIEW (SEE ATTACHMENT 1)

FINAL REPORT

Prepared by:

Robert W. Contino Sr.

Study Conducted and
Prepared by:

Robert W. Contino Sr.

Reviewed by:

Abdonasser M. Abdouni
Chief,
Interconnection Devices Branch

I. OBJECTIVES: Determine if MIL-C-45300B; CAP, FUEL TANK: FOR MILITARY COMBAT AND TACTICAL TRANSPORT VEHICLES. Project Number: 2910-2008-001.
 Referenced defense standards as MIL-C-45300 as the procurement specification;
 MS35645F; CAP, FUEL TANK: TACTICAL VEHICLE, FORDING; Project Number: 2910-2008-007
 MS51300E; CAP, FUEL TANK: COMBAT VEHICLE, SPILL-PROOF; Project Number: 2910-2008-009
 MS53075B; CAP, FUEL TANK TACTICAL VEHICLE, NON-VENTED; Project Number: 2910-2008-010; are still required to remain inactive for new design or cancel.

II. BACKGROUND:

Eight (8) NSN numbers, supporting 102 various weapon systems, referenced to MIL-C-45300B are the following;

2590-00-116-5243; CAP, FILLER OPENING; SOS: S9C (SMS); LAST PROCURED: 2000; (MS53075-2) (FORMERLY FSC 2910)	2590-00-911-0081; CAP, FILLER OPENING; SOS: S9C (SMS); LAST PROCURED: 2007; (MS35645-2) (FORMERLY FSC 2910)
2590-00-141-9758; CAP, FILLER OPENING; SOS: S9C/DLA (SMS); LAST PROCURED: 2007; (MS35645-1)	2910-00-073-0148; TANK, FUEL; SOS: S9C (SMS); LAST PROCURED: 1992; (19207 / 10938346)
2590-00-459-8447; CAP, FILLER OPENING; SOS: S9C/DLA (SMS); LAST PROCURED: 2008; (MS53075-1) (FORMERLY FSC 2910)	2910-01-048-5560; TANK ASSEMBLY, FUEL; SOS: S9C (SMS); LAST PROCURED: 2008 (END ITEM IDENTIFICATION = 6115-00-465-1044)
2590-00-798-4056; CAP, FILLER OPENING; SOS: S9C (SMS); LAST PROCURED: 2008; (MS51300-1)	2910-01-351-3097; TANK, FUEL; SOS: S9C (SMS); LAST PROCURED: 2006

Seven (7) NSN numbers, supporting 79 various weapon systems, referenced to MS35645F are the following;

2590-00-141-9758; CAP, FILLER OPENING; SOS: S9C (SMS); LAST PROCURED: 2007; (MS35645-1)	2910-01-048-5560; TANK ASSEMBLY, FUEL; SOS: S9C (SMS); LAST PROCURED: 2008 (END ITEM IDENTIFICATION = 6115-00-465-1044)
2590-00-911-0081; CAP, FILLER OPENING; SOS: S9C (SMS); LAST PROCURED: 2007; (MS35645-2) (FORMERLY FSC 2910)	2910-01-351-3097; TANK, FUEL, ENGINE; SOS: S9C (SMS); LAST PROCURED: 2006
2910-00-787-9923; TANK, FUEL, ENGINE; SOS: S9C; LAST PROCURED: 1983; (T26)	5342-01-424-3422; CAP, FILLER OPENING; SOS: S9G; LAST PROCURED: 2003
2910-00-903-6661; TANK, FUEL, ENGINE; SOS: DISCONTINUED W/O REPLACEMENT; LAST PROCURED: 1993; (19207 10946204)	

Two (2) NSN numbers, supporting 35 various weapon systems, referenced to MS51300E are the following;

2590-00-798-4056; CAP, FILLER OPENING; SOS: S9C (SMS); LAST PROCURED: 2008; (MS51300-1)	5340-01-384-9993; CAP-PLUG, PROTECTIVE, DUST AND MOISTURE SEAL; SOS: S9I (SMS); LAST PROCURED: 2007; (19207 7735677)
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Five (5) NSN numbers, supporting 43 various weapon systems, referenced to MS53075B are the following;

2590-00-116-5243; CAP, FILLER OPENING; SOS: S9C (SMS); LAST PROCURED: 2000; (MS53075-2) (FORMERLY FSC 2910)	4930-01-154-7510; RESERVOIR, PREOILER; SOS: S9I (SMS); LAST PROCURED: 2008; DESIGN CONTROL REFERENCE: (30003 / 61A108J3-2)
2590-00-459-8447; CAP, FILLER OPENING; SOS: S9C/DLA (SMS); LAST PROCURED: 2008; (MS53075-1) (FORMERLY FSC 2910)	5342-01-424-3422; CAP, FILLER OPENING; SOS: S9G; LAST PROCURED: 2003
2910-00-073-0148; TANK, FUEL; SOS: S9C (SMS); LAST PROCURED: 1992; (19207 / 10938346)	

III. RESULTS: Researched to support a various weapon system codes: Total 102 Weapon System Designator Code (WSDC).

IV. CONCLUSION: The conclusion of the review is not to cancel MIL-C-45300B. Included in the family are military standards MS35645F, MS51300E, and MS53075B and there are no commercial standards equivalent or non-government standards (NGS).

V. RECOMMENDATION: Recommendation to MIL-C-45300B is to revise to a new revision of the specification and keep MIL-C-45300B inactive for new design. Included in the family are defense standards MS35645F, MS51300E, and MS53075B would be revised and keep inactive for new design.