



Internal Air Transport Evaluation

ASC/ENFC (ATTLA)
2145 Monahan Way
WPAFB, OH 45433-7017
<https://afkm.wpafb.af.mil/ATTLA>



Date: 19 May 2011

Item Nomenclature: Chemical Air Monitoring Suite (CAMS) M1079A1

File Number: 2011.04.06

Requestor: Joint Product Manager Consequence Management (Scott Speed)

Reference Document: ASC/ENFC14 April 2000 memo, file number 2000.04.02, Subject: Air Transport Certification for the Family of Medium Tactical Vehicles (FMTV) A1 Series.

Item Description: The Chemical Air Monitoring Suite is identified to be a Light Medium Tactical Vehicle (LMTV) with a shelter attached. The vehicle's approximate dimensions are 263" L x 99" W x 140" H. The vehicle has a gross weight of 24,480 lbs and a gross vehicle weight rating of 26,300 lbs. The front axle weighs 12,840 lbs with a rating of 14,700 lbs. The rear axle weighs 11,640 lbs with a rating of 14,000 lbs.



Figure 1: Chemical Air Monitoring Suite (CAMS) M1079A1

Results of Evaluation: The CAMS M1079A1 vehicle falls within the air transportability approval issued for the M1079A1 in the FMTV A1 system certification referenced above and can be transported under the same certification. The rationale for this assessment is as follows:

1. The M1079A1 vehicle utilized for the CAMS system has the same chassis and tiedown provisions, similar shelter construction and same shelter attachment as previously certified.
2. The vehicle weights fall within the vehicle gross weight ratings which are listed as the maximum weights for air transport in the referenced certification letter for the M1079A1
3. The vehicle dimensions provided under Item Description, although different than the dimensions listed for the M1079A1 in the referenced air transport certification, do not affect air transportability of the CAMS.

Required Distribution:

1. AMC/A3V.
2. SDDCTEA.

Point of Contact: MSgt Thomas McPeak, at thomas.mcpeak@wpafb.af.mil, DSN 986-9903 or Commercial (937) 656-9903. Refer to file number 2011.04.06 to reference this item.

Approved by: 
MELVIN C.J. SANTIAGO
Acting Technical Advisor
Crew Systems Branch