

COURSE: _____
REPORT DATE: _____ **TRAVEL DAY (Check in at Nickel Hall ONLY)**
START DATE: _____ (Report to RTSM)
END DATE: _____

**REGIONAL TRAINING SITE – MAINTENANCE
KANSAS ARMY NATIONAL GUARD
2750 Scanlan Avenue
Salina, Kansas 67401-8127**

RTSM-KS

9 September 2010

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: MOSQ, NCOES and Transition Course Acceptance / Welcome to RTS-M, Kansas

1. Congratulations on your selection to attend this course at the Regional Training Site – Maintenance (RTS-M). We hope you will find your stay here to be informative and enjoyable. Below are some specific items that you must review. Detailed information can be obtained on ATRRS. Your unit readiness NCO can provide this information. You and your commander must sign a pre-execution checklist. Failure to meet course prerequisites or course standards will result in being denied enrollment to the course. *Please ensure that your ASVAB Scores are recorded along with PULHES in IAW DA PAM 611-21. **Failure to have your pre-execution checklist will result in being denied enrollment to the course.***

2. COURSE SCOPE AND PREREQUISITES:

DMOSQ, ASI and NCOES Courses

- **Course: 091-ASIH8 (91B)** -- Course Title: WHEEL VEHICLE RECOVERY SPECIALIST
Scope: Operating, servicing, and using wheeled recovery vehicles and equipment; to include the procedures used in rigging, recovering, and towing of wheeled vehicles.

Prerequisites: Active Army, Army Reserve, and Army National Guard must have successfully completed skill level 1(SL1) resident training in MOS 91B.

Bring old uniforms or coveralls, two sets of boots and wet weather gear.

- **Course: 091-91B10 (R) Phase 2** -- Course Title: WHEELED VEHICLE MECHANIC
Scope: Train soldiers in the basic knowledge and skills. Receive instruction on the use of publications, special tools, shop safety, principles of electricity and electrical systems, principles of hydraulics, and the principles of engines and power trains. Receive fundamentals and principles of engine, fuel, exhaust, cooling, electrical, track, suspension, steering and hydraulic systems.

Prerequisites: Active Army, National Guard, or Reserve Component. Must be reclassifying from a previous MOS. Must have a civilian driver's license, meet the height and weight standards IAW AR 600-9, and meet the prerequisites for the MOS IAW AR 611-20. Complete DL Phase 1 prior to attending Phase 2.

- **Course: 091-91B10 (R) Phase 3** -- Course Title: WHEELED VEHICLE MECHANIC
Scope: Train soldiers in the basic knowledge and skills. Receive instruction on the use of publications, special tools, shop safety, principles of electricity and electrical systems, principles of hydraulics, and the principles of engines and power trains. Receive fundamentals and principles of engine, fuel, exhaust, cooling, electrical, track, suspension, steering and hydraulic systems.

Prerequisites: Active Army, National Guard, or Reserve Component. Must be reclassifying from a previous MOS. Must have a civilian driver's license, meet the height and weight standards IAW AR 600-9, and meet the prerequisites for the MOS IAW AR 611-20. Complete DL Phase 1 and Resident Phase 2 prior to attending this phase.

- **Course: 091-91B30 Phase 2 & 3** -- Course Title: WHEELED VEHICLE MECHANIC ALC

SCOPE: This course consists of 3 Phases.

Phase I consist of distributed learning material in common logistics lessons to include: Force XXI, Ordnance Corps History, Global Positioning System (GPS), introduction to computers, Electronic Technical Manuals (ETMs), Army Oil Analysis Program (AOAP), Maintenance Team Deployment and MOS specific tasks. **DL needs to be complete prior to Phase 2 attendance.** Enrollment into Phase 2 triggers enrollment for the DL Phase.

Phase II consist of resident common logistics subjects, wheeled vehicle/MHE diagnostics and repair.

Phase III is a continuation of resident wheeled vehicle/MHE diagnostics and repair. This phase also includes recovery training followed by a FTX.

PREREQUISITES: Active Army, Army National Guard, or Army Reserve enlisted personnel. Must have an Army Knowledge Online (AKO) account and register with Smart Force VIA ATRRS. Must have a Military driver's license, meet the height and weight standards IAW AR 600-9. **Must have passed the APFT within the last year and bring a signed DA Form 705.** Selected by PERSCOM (ACTIVE ARMY) or recommended by unit commander (reserve component). Qualified in MOS 91B. Meets requirements outlined in AR 351-1 (Para 5-14) and TABE. Active and reserve/guard soldiers over 40 must complete required medical screening and receive status prior to attending. Only SSGs and promotable SGTs will attend. Successfully completed WLC or equivalent unless promoted to linkage of NCOES to promotion. Successfully completed PLDC at least 6 months prior to attending this course.

All ALC students will be responsible for successfully completing the Commander's Safety Course (CSC) training via distributed Learning (dL) at <https://crc.army.mil> (the CSC can be found embedded in the Composite Risk Management section) prior to attendance at ALC. Completion of this training is a mandatory graduation requirement. Note: If the student completes the training prior to attending ALC, the completion of the course will be tracked by the Combat Readiness Center Learning Management System (CRC LMS). Their system is capable of providing the student with a certificate of completion. The student will present this certificate upon arrival to ALC or during the course as evidence of completion.

- **Course: 091-91C10 (R) Phase 2 & 3** -- Course Title: UTILITIES EQUIPMENT REPAIRER

Scope: The course consists of instruction on Maintenance Publications, Shop Math, Shop Safety, Maintenance Discipline, Principles of Electricity, Engine and Mechanical Fundamentals, Soldering, Test, Measurement, and Diagnostic Equipment, Basic Refrigeration Principles and Operations, Refrigerant and Refrigerant Usage, Small Appliances and High Pressure Systems, Leak Proof Connections, Accessories, Compressors, Defrost Systems, Troubleshoot and Repair of Air Conditioning, Refrigeration and Ice Making Equipment, Automotive Air Conditioning Systems, Fire Suppression Systems, Heaters, EPA Section 608 Core Certification Test, EPA 608 TYPE I & II Certification Test, and EPA Section 609 Certification test.

Prerequisites: Soldiers in Active Army, Army National Guard, Army Reserve changing MOS to 91C and meets the following: (1) A physical demands rating of moderately heavy.(2) A physical profile of 221121.(3) Normal color vision. (4) Qualifying scores.(a) A minimum score of 100 in aptitude area GM in Armed Services Vocational aptitude Battery (ASVAB) tests administered prior to 2 January 2002. (b) A minimum score of 97 in aptitude area GM on ASVAB tests administered on and after 2 January 2002 and prior to 1 July 2004. (c) A minimum score of (88 in aptitude area GM and 83 in aptitude area GT) or a minimum score of 98 in aptitude area GM on ASVAB tests administered on and after 1 July 2004

Phase 1 is interactive multimedia instruction (IMI). Courseware media may be in the form of CD-ROM or via the World Wide Web. Students can complete IMI at home, in the unit, or at a Digital Training Facility (DTF). The Army Training Support Center (ATSC) will provide the student with an information letter describing the structure of the phase, testing procedures, and all courseware required to successfully complete this phase. **DL Phase must be completed prior to attending Phase 2. Enrollment into Phase 2 triggers enrollment for the DL Phase.**

To receive credit for 091-91C10 course at The Army School System (TASS) Training Battalion or Regional Training Site-Maintenance (RTS-M), the soldier must complete all phases of this course. This course contains three distinct phases taught through a variety of methods. These methods include the completion of Interactive Multimedia Instruction (IMI) during Phase 1.

Phase 2 & 3 Resident training is conducted during 2-week sessions as individual or continuous blocks of instruction at a regional TASS training battalion sites. This training can include non-hardware and hardware oriented instruction. Hardware oriented training generally requires the extensive use of equipment and/or materials.

- **Course: 091-91C30 Phase 2 & 3** -- Course Title: UTILITIES EQUIPMENT REPAIRER ALC. **Qualified in MOS 91C.**

Scope: This course consists of Army Values training, common logistics lessons, operation of the Force XXI Battle Command Brigade and Below (FBCB2), NCOES Transitional Training (lessons learned), a Situational Training Exercise (STX), and proponent MOS technical training with concentration in tasks such as maintenance and repair of pumps, heaters, steam cleaners, laundry units, decontamination apparatus, smoke generators, and reverse osmosis water purification units (ROWPU).

Phase I (DL) is common training for both the Active Army and Reserve Component. Completion by the Soldier in a remote mode prior to attending the resident phase (Phase III) is required. Enrollment into Phase 2 triggers enrollment for the DL Phase.

Phase II will consist of maintenance and repair of pumps, heaters, steam cleaners, laundry and water purification equipment. **Completion of DL Phase 1 is required for attending Phase 2.**

Phase III will consist of Army Values training, common logistics lessons, and technical subjects. Training includes: Operation of the Force XXI Battle Command Brigade and Below (FBCB2), NCOES Transitional Training (lessons learned), Situational Training Exercise (STX), Supply, Unit Maintenance, SAMS, and GPS.

Prerequisites: Active Army or Reserve Component enlisted personnel **qualified in MOS 91C.** Must have a Military driver's license, meet the height and weight standards IAW AR 600-9. **Must have passed the APFT within the last year and bring a signed DA Form 705.** Selected by the Total Army Personnel Activity TAPA (Active Army) or recommended by the unit commander (Reserve Component). Successful completion of the Warrior Leadership Course (WLC) (formerly known as Primary Leadership Development Course (PLDC)). Meets requirements outlined in AR 350-1, AR 600-9, and DA PAM 611-21.

All ALC students will be responsible for successfully completing the Commander's Safety Course (CSC) training via distributed Learning (dL) at <https://crc.army.mil> (the CSC can be found embedded in the Composite Risk Management section) prior to attendance at ALC. Completion of this training is a mandatory graduation requirement. Note: If the student completes the training prior to attending ALC, the completion of the course will be tracked by the Combat Readiness Center Learning Management System (CRC LMS). Their system is capable of providing the student with a certificate of

completion. The student will present this certificate upon arrival to ALC or during the course as evidence of completion.

- **Course: 091-91C30 (91J) Phase 2& 3** -- Course Title: QUARTERMASTER/CHEMICAL EQUIPMENT REPAIRER. **Qualified in MOS 91J.**

Scope: This course consists of maintenance and repair of air conditioning and refrigeration equipment, automotive air conditioning systems, refrigerant compressors, fire suppression systems, heaters, and associated lessons on heat transfer, pressure measurement, basic refrigeration principles, small appliances and high pressure systems, refrigerant/refrigerant usage, basic operations, leak proof connections, compressor analysis, EPA 608 and 609 certifications, and electrical maintenance procedures; common logistics and situational training exercise.

Phase I (dL) is common training for both the Active Army and Reserve Component. Completion by the Soldier in a remote mode prior to attending the resident phase (Phase III) is required. Enrollment into Phase 3 triggers enrollment for the DL Phase.

Phase II will consist of maintenance and repair of Air Conditioning/Refrigeration equipment, Personnel Space Heaters, and Fire Suppression Systems.

Phase III will consist of Army Values training, common logistics lessons, and technical subjects. Training includes; Operation of the Force XXI Battle Command Brigade and Below (FBCB2), NCOES Transitional Training (lessons learned), Situational Training Exercise (STX), Supply, Unit Maintenance, SAMS, and GPS. Completion of phases II and III prior to attending this course.

Prerequisites: Active Army or Reserve Component enlisted personnel qualified in **MOS 91C30 (91J)**. Must have a Military driver's license, meet the height and weight standards IAW AR 600-9. **Must have passed the APFT within the last year and bring a signed DA Form 705.** Selected by the Total Army Personnel Activity TAPA (Active Army) or recommended by the unit commander (Reserve Component). Successful completion of the Warrior Leadership Course (WLC) (formerly known as Primary Leadership Development Course (PLDC)). Meets requirements outlined in AR 350-1, AR 600-9, and DA PAM 611-21. Active Army, and Reserve Component personnel, selected by PERSCOM (Active Army) or recommended by unit commander (Reserve Component). **Qualified in MOS 91J.**

All ALC students will be responsible for successfully completing the Commander's Safety Course (CSC) training via distributed Learning (dL) at <https://crc.army.mil> (the CSC can be found embedded in the Composite Risk Management section) prior to attendance at ALC or at the eOrdnanceU website while attending ALC. Completion of this training is a mandatory graduation requirement. Note: If the student completes the training prior to attending ALC, the completion of the course will be tracked by the Combat Readiness Center Learning Management System (CRC LMS). Their system is capable of providing the student with a certificate of completion. The student will

present this certificate upon arrival to ALC or during the course as evidence of completion.

- **Course: 091-91E30 Phase 2 & 3** -- Course Title: METAL WORKER ALC

Scope: Course consists of instruction on Shop Fundamentals; Oxy-Acetylene Operations; Radiator and Glass Repair; Gas Metal Arc Welding(GMAW); Gas Tungsten Arc Welding(GTAW); Shielded Metal Arc Welding(SMAW); Auto Body ; Machine Shop Operations; Common Logistics; and Situational Training Exercise.

Phase 1 dL 91E30 must be completed prior to attending Phase 3. Enrollment into Phase 3

Phase 2 consists of Shop Fundamentals; Oxy-Acetylene Operations; Radiator, Fuel Tank, and Glass repair; Gas Metal Gas Welding (GMAW); Gas Tungsten Arc Welding (GTAW); and Common Logistics.

Phase 3 consists of Shielded Metal Arc Welding (SMAW); Auto Body Repair; Machine Shop Operations; and Situational Training Exercise.

Prerequisites: Active Army or Reserve Component enlisted personnel qualified in MOS 91E. Must have a Military driver's license, meet the height and weight standards IAW AR 600-9. Must have passed the APFT within the last year and bring a signed DA Form 705. Selected by the Total Army Personnel Activity TAPA (Active Army) or recommended by the unit commander (Reserve Component). Successful completion of the Warrior Leadership Course (WLC) (formerly known as Primary Leadership Development Course (PLDC)). Meets requirements outlined in AR 351-1, AR600-9, and AR 611-201.

All ALC students will be responsible for successfully completing the Commander's Safety Course (CSC) training via distributed learning (DL) at <https://crc.army.mil> (the CSC can be found embedded in the Composite Risk Management section) prior to attendance at ALC. Completion of this training is a mandatory graduation requirement. Note: If the student completes the training prior to attending ALC, the completion of the course will be tracked by the Combat Readiness Center Learning Management System (CRC LMS). Their system is capable of providing the student with a certificate of completion. The student will present this certificate upon arrival to ALC or during the course as evidence of completion.

All ALC students will be responsible for successfully completing the Commander's Safety course (CSC) training via distributed learning (dL) at <https://crc.army.mil> (the CSC can be found embedded in the Composite Risk Management section) prior to attendance at ALC. Completion of this training is a mandatory graduation requirement. Note: If the student completes the training prior to attending ALC, the completion of the course will be tracked by the Combat Readiness Center Learning Management System (CRC LMS). Their system is capable of providing the student with a certificate of

completion. The student will present this certificate upon arrival to ALC or during the course as evidence of completion.

- **Course: 091-6-91-C42** -- Course Title: CMF 91/94 SLC (SLC)

Scope: Emphasis is on leadership, verbal and written communication skills, training management, common military skills, logistics management. Training includes METL Development, Ordnance Corp History, Platoon Administration- Chapters, Flags, and Bars to Reenlistment, Platoon Administration- Promotions/Reductions, GPS and a STX. **You will be required to complete a History Paper.**

Prerequisites: Active Army or Reserve component enlisted personnel (SSG or SFC), selected by a Department of the Army selection board (Active Army), or recommended by unit commander (Reserve component) qualified in MOS 91E, 91C, 91D, 91L, 91A, 91B, 91D, 91H, 91M and 94 CMF. Must have a Military driver's license, meet the height and weight standards IAW AR 600-9. **Must have passed the APFT within the last year and bring a signed DA Form 705.** Must have completed course 6-91-C42 (DL), prior to attendance at this course. **Enrollment into this course will trigger DL phase.** Active Army or Reserve component enlisted personnel. Selected by the Total Army Personnel Activity TAPA (Active Army) or recommended by the unit commander (Reserve component). You must have completed course, 6-91-C42 (DL). Meets requirements outlined in AR 350-1, AR 600-9, and DA PAM 611-21.

SUSTAINMENT COURSES/SPECIALIZED TRAINING (Contact MSG Duerr at (785) 822-3362 about more information on these courses)

- Course: 964-M1070-HET/M1000-TRL -- Course Title: HET AND M1000 TRL SUSTAINMENT
- Course: 964-M1074-PLS -- Course Title: PLS SUSTAINMENT
- Course: FMTV DS -- Course Title: DS MAINTENANCE FOR FMTV
- Course: FMTV GS -- Course Title: DS/GS MAINTENANCE FOR FMTV
- Course: FMTV UNIT MAINT -- Course Title: FMTV UNIT MAINTENANCE
- Course: FR -- Course Title: FREON RECOVERY
- Course: SAMS-E (S) -- Course Title: STANDARD ARMY MAINT SYS-ENHANCED (SUST) TRNG
- Course: 091-610-F10 -- Course Title: WHEELED VEHICLE MECHANIC REFRESHER TRAINING
- **M1070-HET/M1000** course covers: TMDE, troubleshooting, engine removal, trailer hookup/detach, electrical/pneumatic/hydraulic schematics, replace steering/gooseneck cylinder, repair lower arm and axle assembly on trailer, bleeding hydraulic system on trailer and repair fuel system on 8V92TA.
- **M1074-PLS** course covers: operator familiarization, intro to 8V92TA engine related components and DDEC component identification, ATEC component Identification, intro to transfer Case, intro to axles – steering and non-steering, steering system Components,

vehicle chassis air system , CTI system and differential, vehicle electrical system, familiarizations with SPORTS, MSDS, Pro-Link 9000, DDEC, and ATEC cartridges, PLS (M1077) trailer and direct support maintenance.

- **Freon recovery** course covers: refrigerant/refrigerant usage, EPA 609 certification test and basic operation.
- **FMTV GS** course covers: intro into FMTV, TMDE, engine repair, transmission repair and axle maintenance & repair.
- **FMTV DS** course covers: introduction to FMTV, vehicle operation/PMCS, cab & body maintenance/troubleshooting, axle maintenance, engine R&R and adjustment, transmission R&R, hydraulic system Component troubleshooting, electrical system maintenance/troubleshooting , steering maintenance & troubleshooting and CTIS system maintenance/troubleshooting .
- **FMTV Unit** course covers: intro into FMTV A1 Models, indicators & controls, 3126 engine& exhaust brake Description, vehicle operation, SPORT/ICE/IETM, MSD/ICE/IETM, electrical system troubleshooting, ABS/axle description and troubleshooting, pneumatics system description & troubleshooting and hydraulic system description & troubleshooting.
- **SAMS1-E** course covers: system utilities, interfaces, supply, maintenance, reports/Adhoc, AMSS overview and SBET.
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3. BILLETING: All students must report to Nickell Hall, 2930 Scanlan Avenue, Salina, Kansas, no later than 2200hrs on the **REPORT DATE** of their course to receive room assignment. Their telephone number is (785) 822-3298/3296, after midnight call (785) 822-3245/3247. Nickel Hall has **NO** non-chargeable billets available. **Come prepared to pay for your room at registration.** Nickell Hall accepts Visa, Master Card, or you may pay by cash or check. (Rooms **MUST** be paid for before graduation). The current rate for BOQ/BEQ is as follows:

- **Single room occupancy per night: \$30.00**
- **Double room occupancy per night: \$15.00**

4. MEALS: Meals are available when in Salina. Officers will pay food cost only unless receiving the food portion of their per diem. If so, they will pay food cost plus surcharge. AGR soldiers will pay food cost plus surcharge if BAS is not suspended. If BAS is suspended, there will be no charge. Soldiers in Technician status are authorized no food charge if not receiving there per Diem.

TRANSPORTATION: Salina, Kansas has a small airport, but it is cheaper to fly into Wichita, Kansas and get a rental car at the unit expense. There is **NO** transportation from other locations to Salina. Taxi service to Salina, KS: A one cab co 785-537-1295 Manhattan, KS

\$110.00 (About 75 miles). Best cabs 316-838-2233 Wichita, KS \$150.00 if you call a head. \$190.00 if you don't call (About 90 miles). Soldiers that fly into the Salina Airport can take a taxi to the billeting office at 2930 Scanlan Avenue. The approximate cost is \$4.00, which is reimbursable. In extreme emergency for transportation from Airport to the Barracks please call MSG Duerr 785-493-1754 after 5 p.m. Courtesy phones are located in the terminal. **DO NOT schedule flights departing on graduation day prior to 1300hrs.**

6. **FINANCIAL:** There is an ATM located in the Billeting entrance way. Soldiers unit is responsible for there own soldiers orders and pay while soldiers are attending courses here. The soldier needs to bring enough money to pay for billets which will be reimbursable when soldier submits their travel voucher.

7. **COURSE INPROCESSING:** All soldiers must report to Regional Training Site – Maintenance, 2750 Scanlan for course in processing **at 0800 hrs on START DATE.** ALL soldiers are required to report in PT uniform (**except sustainment courses**) and will be weighed and taped IAW AR 600-9 during in processing. Listed below are specific items that are **REQUIRED** to bring for in processing.

8. **REQUIRED EQUIPMENT AND DOCUMENTS:**

TASS Pre-execution Checklist (Request from your Unit Readiness NCO)

You and your commander must sign pre-execution checklist. Please ensure that your ASVAB Scores are recorded along with PULHES in IAW DA PAM 611-21

In processing Form	Orders (Correct dates and course)
Military ID card (Must be current)	Airline tickets (if applicable)
Steel toe boots (if available)	Coveralls (if available)
DA 1059 from prior Phase(s) and Proof of DL Completion (if applicable)	

Personal hygiene items you may need and civilian clothes for off duty time. Weather changes in Kansas quite quickly, therefore come prepared for inclement weather according to the season. Make sure your uniform is complete and IAW AR 670-1 and AR 600-20 with special emphasis on haircuts.

9. **MAIL:** Incoming mail is received daily and will be given to your instructor. Outgoing mail must be brought to the RTSM administrative office before 1000 hrs daily. The address to receive mail is:

**STUDENT NAME
C/O RTSM (CLASS TITLE)
2750 SCANLAN AVENUE
SALINA, KANSAS 67401-8127**

10. **VEHICLES:** RTSM Kansas has no fuel available for individuals who arrive with government vehicles. **NO** government credit cards will be issued from RTSM, Kansas.

11. **ACADEMICS:** Any student may be released prior to course completion for any of the following reasons, but not limited to:

ADMINISTRATIVE: Emergency, personal problems

DISCIPLINARY: Infraction of school policies, honor code, UCMJ

MOTIVATIONAL: three or more counseling statements, demonstration of lack of motivation

ABSENCES: Missing more than three (3) hours of accumulative training

Pre-execution: Failure to meet course prerequisites or course standards will result in denial of enrollment. You and your commander must sign pre-execution checklist please ensure that your ASVAB Scores are recorded along with PULHES in IAW DA PAM 611-21

12. We are looking forward to the opportunity to work with you. If you have any questions or need further information, please contact MSG Duerr at (785) 822-3362/Cell (785) 493-1754 or SFC McWhorter at (785) 822-3363.

Encl
Area Map
In processing Form

////ORIGINAL SIGNED

Henry J. Camarin
MAJ, LG, KSARNG
Commander

DISTRIBUTION:

1 – Ea student