

INTERNATIONAL

MEMORANDUM OF UNDERSTANDING

BETWEEN

THE UNITED STATES AIR FORCE

AND

THE REPUBLIC OF KOREA AIR FORCE

CONCERNING

COMBAT CROSS-SERVICING

OF UNITED STATES AIR FORCE

AND REPUBLIC OF KOREA AIR FORCE AIRCRAFT

I. AUTHORITY TO ENTER INTO AGREEMENT

Pursuant to Article II of the United States of America and the Republic of Korea (US-ROK) Mutual Defense Treaty, effective 17 November 1954, the following agreement is entered into by representatives of the United States Air Force (USAF) and the Republic of Korea Air Force (ROKAF). This Memorandum Of Understanding International (MOUI) supersedes MOUI (FB52CX-MOUI-2016, 공전 1-026), dated 7 October 1991 and attachments thereto.

II. GENERAL PURPOSE OF AGREEMENT

The purpose of this agreement is to allow the planning and execution of Combat Cross-Servicing of aircraft, and establish landing procedures and other essential aircraft maintenance functions for USAF / ROKAF Armed Forces aircraft during unscheduled landings at ROKAF / USAF air bases respectively.

1. The program improves tactical flexibility and combat engagement time availability, enhancing overall readiness. To maintain this wartime capability, this plan must be exercised during peacetime.
2. The Combat Cross-Servicing program consists of two stages (Stage A, B). Stage A involves only the minimum essential maintenance required to get the aircraft airborne. Stage B includes munitions loading and unloading.

III. GENERAL PROCEDURE FOR AGREEMENT PERFORMANCE

1. Both USAF and ROKAF cross servicing support personnel will observe, participate, demonstrate proficiency, and be task qualified during turnaround familiarization demonstrations prior to actual Combat Cross-Servicing. Additional familiarization / orientation will be provided as required, and accomplished at either the host base or the home base, depending upon availability of aircraft and base.
2. Complete Technical Order (T.O) listing of necessary inspection requirements, equipment (i.e., support equipment, safety pin, tool, etc.) will be developed for each aircraft in the host base of cross servicing support. Unique requirements for equipment and Technical Order (T.O) for each aircraft will be prepositioned by the home base.

3. Reimbursement for assets used for cross servicing will be made as follows:
 - a. Aviation Fuel - IAW Memorandum OF Understanding between the United States Air Force and the Republic OF Korea Air Force concerning Jet Fuels Replacement-in-Kind (USAF-RKF-004, 공군 1-006)
 - b. LOX - IAW Memorandum OF Understanding between the United States Air Force and the Republic OF Korea Air Force concerning Liquid Oxygen Support (FB52CX-MOUI-2046, 공전 1-021)
 - c. Oil and Accessories for Repair - IAW Memorandum OF Understanding between the United States Air Force and the Republic OF Korea Air Force establishing the mutual Logistics support implementing arrangement for mission critical supplies (FB52CX-MOUI-2038, 공전 1-022)

No transfer of assets, excluding Foreign Military Sales (FMS), will be made unless released by appropriate authority IAW a valid Mutual Logistics Support Agreement (MLSA) Between the Government of the United States of America and the Government of the Republic of Korea. Examples of assets that cannot be transferred without a MLSA are Air Force Logistics Center (AFLC) Critical Items Program (CIP) stock numbers, major end items, non-releasable classified items, munitions, and individual equipment. There will be no labor charges assessed for servicing.

4. Air crews will observe local flight clearance procedures of the base at which they are landing.
 - a. Drag chutes will not be deployed on the active runway, and will be only deployed in EOR areas.
 - b. Host base operations will meet visiting air crews and participate in air crew information cross talk.
 - c. Aircrews, however, should be readily available to answer maintenance related servicing questions.
 - d. Aircrews will provide previous Joint Oil Analysis Program (JOAP) data records for maintenance personnel to track and determine when the next time JOAP samples are required. These records will be carried in the aircraft forms.
5. The base and the type of combat cross - servicing are chosen by the Joint Coordinating Group (JCG). The cross servicing support team will consist of the personnel qualified for cross servicing on the aircraft and will be wholly responsible for the aircraft at the base. Personnel must be task certified prior to unsupervised Combat Cross-Servicing. After servicing has been completed, aircrews will check the state of servicing by signing the exceptional release on the AFTO Form 781H.
6. All missions during Combat Cross-Servicing peacetime exercise and evaluation will be scheduled and coordinated by the 20th day of the month prior to the implementation month. Any scheduled aircraft developing in-flight malfunctions will return to home base without participating in the Exercise, if possible. If, after landing at the host base, aircraft maintenance requirements exceed those provided by Stage A, B maintenance as defined in this MOUI, the repairs will be the responsibility of the home base.

IV. MUTUAL CO-OPERATION ORGANIZATION

A Joint Coordinating Group (JCG) will be appointed to coordinate ROKAF and USAF responsibilities under the terms and conditions of this agreement. This group shall consist of equal numbers of representatives of both parties from Maintenance, Supply, Logistics, and Operations, as a minimum. The Director of Logistics, AFOC and the Director of Logistics, 7th AF are appointed as Joint Chairmen of the JCG. This group will maintain close interaction and coordination to insure that the spirit and intent of this agreement are maintained and to insure implementing instructions are developed to resolve problems beyond the capabilities of the local bases to solve. Also, this group will select and coordinate the combat cross servicing bases, and determine which units are the home base and host base. The list of home base and host base are included in attachment two and will be reviewed and modified by the JCG annually or as required. Meetings will be held on an as required basis. Members will be notified by the Joint Chairmen as to the time and place.

V. SPECIFIC RESPONSIBILITIES OF USAF

Defined in Section III, para 5, 6 and Section IV, para 7 of the Operating Instruction (attachment one).

VI. SPECIFIC RESPONSIBILITIES OF ROKAF

Defined in Section III, para 5, 6 and Section IV, para 7 of the Operating Instruction (attachment one).

VII. PROPERTY INVOLVE

NONE.

VIII. CLAIMS

Claims arising from the servicing and maintenance of aircraft will be controlled by Article XXIII, of the Agreement regarding Facilities and Areas and the Status of United States Armed Forces in the Republic Of Korea.

IX. RESOLUTION OF CONFLICTS UNDER THIS AGREEMENT

1. Any USAF/ROKAF mishap which occurs as a result of Stage A or Stage B Combat Cross-Servicing involving USAF/ROKAF aircraft, personnel or equipment will be investigated by USAF/ROKAF personnel, IAW US AFI 91-204/ROKAF Regulation 7-22, as supplemented. Any mishap not related to Stage A or Stage B Combat Cross-Servicing will be handled by the current regulation of the involved country. Problems arising from the carelessness of either part under the cross servicing mission will be referred to AFOC LGM and 7th AF LGM, or Joint Coordinating Group as required.
2. This Memorandum of Understanding (MOU) will be bilingual (Korean and English), and both language texts are equally authentic. Any conflicts will be resolved by or through the JCG provided for in Article IV, above.

X. REVISION AND MODIFICATION OF THE AGREEMENT

Revision or modification of this MOU may be accomplished by mutual consent of both parties concerned. Written notification will be presented at least 30 days in advance of the requested change. This MOU will be reviewed biennially, and whenever required. The biennial review will begin 180 days prior to the anniversary of the termination date of this agreement. Unless major revisions are made, completed review may be certified by the Joint Chairmen of the JCG. All revisions and modifications to this MOU must have mutual written consent of the Joint Chairpersons and will be attached in sequentially-numbered addenda.

XI. EFFECTIVE DATE AND DURATION

This agreement shall become effective upon the date signatures of the appropriate representatives of the ROKAF and the USAF have been affixed hereunto. This agreement may be cancelled at any time by mutual consent of the parties and it may be cancelled by either party upon giving at least 30 days written notice to the other party. This agreement will terminate seven years from the effective date.

ATTACHMENT ONE
COMBAT CROSS-SERVICING
OPERATING INSTRUCTION

I. OBJECT OF AIRCRAFT TYPE

USAF / ROKAF make it a rule to satisfy the servicing support capability on the combat aircraft operated in Peninsula in war time.

1. ROKAF has to satisfy the servicing support capability on F-15, F-16, OA-10 aircraft.
2. USAF has to satisfy the servicing support capability on F-4, F-5, F-16 aircraft.

II. CONCEPT OF OPERATIONS

This Operating Instruction (OI) outlines the responsibilities of USAF/ROKAF units involved in Combat Cross-Servicing. This OI consists of three parts. Part I, Stage A Combat Cross-Servicing (servicing portion), Part II Stage B Combat Cross-Servicing (munition portion) and Part III, Combat Cross Servicing Evaluation Program. As noted in Article III of this MOUI, no legal authority exists for repayment in kind of munitions assets.

III. Part I, Stage A Combat Cross-Servicing

- I. The considerations and responsibilities for scheduling combat cross servicing are as follows.
 - a. The host base maintenance personnel will be qualified to safely service those aircraft which are mutually agreed upon by 7AF/LGM and AFOC/LGM.
 - b. Sufficient USAF and ROKAF personnel to turn two aircraft within four hours will be maintained.
 - c. The host base flight squadron will escort the pilot of visiting aircraft at the combat cross servicing location. In order to provide for maintenance training and mission briefing, mutual information exchange, aircraft will be scheduled to stay 4 hours, except in the case of emergency landing.
 - d. The host base Logistics Group Commander will be responsible for reporting to AFOC LGM / 7th AF LGM any time the malfunction of the visiting aircraft exceeds Stage A, B capabilities.
 - e. Priority logistical support must be provided to insure time constraints are met once the Theater Air Control Center (TACC) commits an aircraft into a host base for Combat Cross-servicing.
 - f. Actual servicing support with consumables other than Petroleum Oil and Lubricants (POL) and Liquid Oxygen. (LOX) required for combat cross servicing will not be accomplished until the appropriate Replacement In Kind (RIK) agreements have been developed or until US / ROK law permits.

2. Maintenance capability tasking will include
 - a. JOAP sampling
 - b. Fuel, LOX, oil, hydraulic and pneumatic servicing
 - c. Drag chute removal, repacking and installation
 - d. Seat safety pin, landing gear safety pin, EPU (Emergency Power Unit) pin and canopy safety strut installation
 - e. Aircraft towing

3. Qualification training will be conducted during an initial orientation / familiarization session with ROKAF / USAF units, and experience will be maintained during monthly testing / evaluation missions.

4. USAF documentation will be made on AF Form 797 or the STS in the AF Form 623. Task qualification will be annotated on AF Form 2435. ROKAF Management will be maintained IAW AFM 6-101.

5. The responsibilities of USAF/ROKAF units involved in Stage "A" Combat cross-Servicing are listed in A and B below:
 - a. 7AF/LGM and ROKAF AFOC/LGM will
 - (1) Provide guidance and assistance as required.
 - (2) Coordinate on the training and the evaluation of cross servicing program.
 - (3) Consistent with United States rules and regulations, the USAF will endeavor to release technical data to the ROKAF. And provide the minimum publications and equipment list required for supporting the appropriate aircraft and coordinate continuously publications remain current by providing the latest changes.
 - (4) Distribute Combat Cross-servicing amendments to the wing under the command.
 - (5) Coordinate with the related unit to process any proposed changes for submission to the Joint Coordinating Group (JCG).

- b. Each USAF/ROKAF unit involved in Combat Cross-servicing will
- (1) Appoint a project officer and provide name and phone number to their respective higher headquarters maintenance section.
 - (2) Acquire and maintain publications/equipment required to operate an effective Combat Cross-servicing program.
 - (3) Insure designated aircraft maintenance personnel receive initial and recurring qualification training.
 - (4) Insure that sufficient combat turn around cross-servicing missions are requested to maintain proficiency.
 - (5) Insure that USAF personnel qualifications are entered in Core Automated Maintenance System (CAMS) or on AF Form 797. ROKAF documentation will be IAW AFM 6-101, Appendix 20, Report On Education And Training.
6. Prior to performing Combat Cross-servicing of aircraft types of either country not possessed by the participating countries, USAF and ROKAF will:
- a. USAF 7AF/LGM and AFOC/LGM will
- (1) Identify the host base to be used.
 - (2) Identify the number of maintenance/munitions personnel required.
 - (3) Provide a training program schedule for involved personnel to include period, place, responsible unit and content of training.
 - (4) Identify capabilities of proposed host base to accomplish Combat Cross-servicing.
 - (5) Coordinate with operations staffs to accomplish Combat Cross-servicing.
- b. The USAF/ROKAF unit responsible for training will
- (1) Accomplish necessary orientation/familiarization training.
 - (2) Prepare Technical Order (T.O) and materials required for education.
 - (3) Document training per paragraphs 4 and 5B(5) above to qualified USAF/ROKAF personnel.
 - (4) Inform AFOC LGM / 7th AF LGM of the training results and the present support capability level

IV. Part II, Stage B Combat Cross-Servicing.

1. This portion of stage B Combat Cross-servicing is concerned with loading / unloading selected munitions on ROKAF/USAF F-16 aircraft. Weapons loading personnel will be certified/qualified to safely load/unload those aircraft being serviced.
2. Certification applies to all munitions load crews for loading/unloading of munitions on USAF/ROKAF F-16 aircraft. Not less than two qualified weapon loading section members will be used to train additional crews in the event of contingency requirements.
3. USAF will use applicable certification/decertification procedures as specified in PACAFI 21-101, and ROKAF will use applicable certification/decertification procedures as specified in AFM 6-151, Chapter 3.
4. Documentation of USAF training will be accomplished using applicable guidance published in PACAFI 21-101, and documentation of ROKAF training will be accomplished using guidance published in AFM 6-151, Appendix 3.

USAF/ROKAF proficiency munitions loading on ROKAF/USAF aircraft will be accomplished at least quarterly in order to maintain certification. USAF Loading Standardization Crew (LSC) will receive ROKAF home base certification training annually and when two or more members of the USAF LSC are replaced, USAF units must request ROKAF home base certification training through 7 AF/LGM. ROKAF units must request USAF home base certification training through AFOC/LGM, annually and as required.

5. The munitions loading personnel will load/unload munitions on F-16 aircraft only.

Tasked munitions are limited to items which the host unit is already certified/qualified on.

a. If the host unit requires a specific aircraft configuration / munitions load during monthly Combat Cross-servicing exercises, the host unit will identify the specific aircraft configuration and munitions load to AFOC LGM / 7th AF LGM prior to the 20th of the month preceding the exercise. The aircraft configuration will be published in the monthly Combat Cross-servicing schedule.

F-16 aircraft will be properly configured as follows.

: LAU-129/S200 launcher (W/captive AIM-9), 2 X empty TERs configured for MK-82 loading

b. If a host unit does not request a specific configuration/load, the visiting operations personnel will designate the required load.

6. All munitions will be unloaded at the completion of each Combat Cross-servicing exercise(s). In no case will aircraft be allowed to take off with munitions aboard unless owning unit has prepositioned munition(s) prior to the exercise or the provisions of MOA between US-ROK governments covering WRSA transfer have been complied with.

7. The responsibilities of USAF/ROKAF units involved in stage B Combat Cross-servicing are listed in A and B below:

A. 7AF/LGM and AFOC/LGM will:

- (1) Provide guidance and assistance as required.
- (2) Coordinate on evaluation missions.
- (3) Coordinate and assist field units in obtaining the required publications / equipment.
- (4) Act as the point of contact with USAF/ROKAF to assist in establishing exercise / evaluation missions and assist units when problems arise in setting up recurring familiarization/orientation.
- (5) In conjunction with HQ PACAF/HQ ROKAF, insure that units are notified which weapons are certified for carriage on tasked aircraft and therefore which weapons may be loaded/unloaded when the hosted aircraft are Combat Cross-serviced.

B. Each USAF/ROKAF unit involved in Combat Cross-servicing will:

- (1) When acting as host base (Combat Cross-servicing the other nation's aircraft),
 - (a) Appoint a project officer to coordinate Combat Cross-servicing for the base.
The name and phone number will be provided to 7AF/LGM and AFOC/LGM.
 - (b) Acquire and maintain publications/equipment required to perform tasked portions of the stage B Combat Cross-servicing program.
 - (c) USAF will qualify the number of load crews on munitions types as specified in the headquarters Pacific Air Forces Unit Committed Munitions List (UCML)
 - (d) The respective LSCs will receive annual qualification/certification training by the appropriate home base LSC.
 - (e) Insure monthly evaluation of the unit load crews by the LSC.

- (f) After combat cross servicing training, present the personnel with a certification of course completion.
 - (g) Insure sufficient Combat Cross-servicing exercise/evaluation missions are scheduled, via USAF/ROKAF, to maintain load crew qualification.
7AF/LGM and AFOC/LGM should be informed of requirements which cannot be satisfied by the monthly schedule.
- (2) When acting as the serviced organization (unit's aircraft are being Combat Cross-serviced at another location):
- (a) Maintain contact with each host base through the base Combat Cross-servicing project officer to coordinate all Combat Cross-servicing actions.,
 - (b) Provide the LSC to qualify host crews when qualifications are requested by the unit through USAF/ROKAF.

V. PART III. Combat Cross-Servicing Evaluation Program

1. ROKAF / USAF Combat Cross Servicing evaluation will be executed for the specialty enhancement of the overall cross servicing support program once a year.
2. Cross servicing evaluation will be performed by evaluating cross servicing support capability on USAF and ROKAF units. Evaluation team will consist of the maintenance personnel from AFOC LGM / 7th AF LGM and the host base maintenance / munitions support personnel who provide the training for the other nation.
3. Major Evaluation areas are aircraft inspection, marshaling, safety, servicing, forms management, problem presentation / solution and munitions loading / unloading procedure. The unit will be evaluated on the first cross servicing exercise conducted after completion of initial training at the host base.
4. As a result of the combat cross servicing evaluation, if the evaluation team determines that the support personnel are deemed not proficient and that more training is required, the training will take place within 30 days at the home base. The 7th AF LGM / AFOC LGM, through mutual co-operation, will establish and enforce the re-training program.

ATTACHMENT TWO
THE LIST OF HOME BASE AND HOST BASE
FOR COMBAT CROSS-SERVICING

- I. The USAF units will be host base for the ROKAF units listed below. ROKAF aircraft will land at USAF bases (8FW and 51FW) once per aircraft type (F-4/F-5/(K)F-16) each month for a total of six missions.

HOME BASE	AIRCRAFT TYPE	HOST BASE
8TFW (WON JU)	F-5	8TFW (KUNSAN)
10TFW (SU WON)	F-5	51TFW (OSAN)
11TFW (TAE GU)	F-4D	51TFW (OSAN)
16TFW (YE CHON)	F-5	51TFW (OSAN)
17TFW (CHEONG JU)	F-4E	8TFW (KUNSAN)
18TFW (KANG NUNG)	F-5	8TFW (KUNSAN)
19TFW (JUNG WON)	(K)F-16	51TFW (OSAN)
20TFW (SO SAN)	KF-16	8TFW (KUNSAN)

- II. The ROKAF units will be host base for USAF units listed below. USAF aircraft will land at ROKAF bases once per aircraft type (OA-10/F-15/F-16) each month from 51FW and 18FW and twice per month from 8FW for a total of five missions.

HOME BASE	AIRCRAFT TYPE	HOST BASE
8TFW (KUNSAN)	F-16	8TFW (WON JU)
8TFW (KUNSAN)	F-16	17TFW (CHEONG JU)
8TFW (KUNSAN)	F-16	18TFW (KANG NUNG)
8TFW (KUNSAN)	F-16	20TFW (SO SAN)
18TFW (KADENA)	F-15	1TFW (KWANG JU)
51TFW (OSAN)	OA-10	10TFW (SU WON)
51TFW (OSAN)	OA-10	11TFW (TAE GU)
51TFW (OSAN)	F-16	16TFW (YE CHON)
51TFW (OSAN)	F-16	19TFW (JUNG WON)

For the Republic of Korea

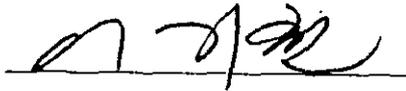
For the United States

한국공군을 대표하여

미합중국 공군을 대표하여

Air Force

Air Force



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Commander

Commander

Air Force Operations Command

Seventh Air Force

작전사령관

제 7공군 사령관

DATE : 6 JUN 98

DATE : 6 JUN 98

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