

NOT MEASUREMENT SENSITIVE
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MIL-DTL-22202D  
SUPPLEMENT 1  
31 March 1999

## DETAIL SPECIFICATION

### AIRCRAFT CROSS SERVICING MANUALS, TECHNICAL, PREPARATION OF

This supplement forms a part of MIL-DTL-22202D dated 31 March 1999.

#### INTERNATIONAL STANDARDIZATION AGREEMENTS (ISAs)

The following list of ISAs is provided for reference. The ISAs are requirements source documents included as guidance information to assist users with the proper selection and application of the criteria and are not intended to be referenced to implement requirements in the cross-servicing guides technical orders.

#### NATO CROSS-SERVICING RELATED (INCLUDING STAGE A) ISAs

STANAG NUMBER	WORKING GROUP	TITLE
1135	ILCEP	INTERCHANGEABILITY OF FUELS, LUBRICANTS AND ASSOCIATED PRODUCTS USED BY THE ARMED FORCES OF THE NORTH ATLANTIC TREATY NATIONS
2952	INT	PROCEDURES FOR PROVIDING RESTRICTED AREA FOR NATO MILITARY AIRCRAFT WHILE USING MILITARY AIRFIELDS OF OTHER NATIONS
3053	GGs	CHARACTERISTICS OF BREATHING OXYGEN, SUPPLY PRESSURE AND HOSES
3098	ASSE	AIRCRAFT JACKING

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STANAG NUMBER	WORKING GROUP	TITLE
3104	ASSE	IDENTIFICATION OF AIRCRAFT AND MISSILE PIPELINE AND ELECTRICAL CONDUITS
3105	ASSE	PRESSURE REFUELING CONNECTIONS AND DEFUELING FOR AIRCRAFT
3109	ASSE	SYMBOL MARKING OF AIRCRAFT SERVICING AND SAFETY/HAZARD POINTS
3113	ASSE	PROVISION OF SUPPORT TO VISITING PERSONNEL, AIRCRAFT AND VEHICLES
3117	FS	AIRCRAFT MARSHALLING SIGNALS
3149	ILCEP	MINIMUM QUALITY SURVEILLANCE OF PETROLEUM PRODUCTS
3208	ASSE	AIR CONDITIONING CONNECTIONS
3209	ASSE	TIRE VALVE COUPLINGS
3212	ASSE	DIAMETERS FOR GRAVITY FILLING ORIFICES
3230	FS	EMERGENCY MARKINGS ON AIRCRAFT
3237	ASSE	APERTURE OF TERMINAL RING OR LINK OF AIRCRAFT LIFTING SLINGS
3278	ASSE	AIRCRAFT TOWING ATTACHMENTS AND DEVICES
3294	ASSE	AIRCRAFT FUEL CAPS AND FUEL CAP ACCESS COVERS
3296	GGs	AIRCRAFT GASEOUS OXYGEN REPLENISHMENT COUPLINGS
3312	ASSE	PROFILE DIMENSIONS OF FLANGES FOR V-BAND COUPLINGS FOR PIPING AND DUCTING

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STANAG NUMBER	WORKING GROUP	TITLE
3315	ASSE	AIRCRAFT CABIN PRESSURIZING TEST CONNECTIONS
3367	GGs	CHARACTERISTICS OF BREATHABLE GAS SUPPLIED BY MOLECULAR SIEVE OXYGEN CONCENTRATING SYSTEMS (MSOCS) AND SUPPLY EQUIPMENT
3368	ASSE	INTERNAL AIRCRAFT ENGINE STARTING SYSTEM
3372	ASSE	LOW PRESSURE AIR AND ASSOCIATED ELECTRICAL CONNECTIONS FOR AIRCRAFT ENGINE STARTING
3416	ILCEP	METHANOL/WATER AND DEMINERALIZED WATER REPLENISHMENT
3430	ASSE	RESPONSIBILITIES FOR AIRCRAFT CROSS-SERVICING (ACS)
3447	ASSE	AERIAL REFUELING EQUIPMENT – DIMENSIONAL AND FUNCTIONAL CHARACTERISTICS
3457	AE	GROUND ELECTRICAL POWER SUPPLIES FOR AIRCRAFT
3499	GGs	CHARACTERISTICS OF SUPPLY EQUIPMENT FOR LIQUID OXYGEN
3510	ILCEP	THE PROVISION OF HYDRAULIC POWER FOR SERVICING AIRCRAFT HYDRAULIC SYSTEMS
3545	GGs	CHARACTERISTICS OF BREATHABLE LIQUID OXYGEN
3546	GGs	LIQUID NITROGEN CHARACTERISTICS

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STANAG NUMBER	WORKING GROUP	TITLE
3547	GGs	CHARACTERISTICS OF REPLENISHMENT EQUIPMENT FOR LIQUID NITROGEN
3595	ASSE	AIRCRAFT FITTING FOR PRESSURE REPLENISHMENT OF GAS TURBINE ENGINES WITH OIL
3610	GGs	CHARACTERISTICS OF CONDITIONED AIR SUPPLIED TO AIRCRAFT ON THE GROUND
3624	GGs	CHARACTERISTICS OF OIL FREE COMPRESSED NITROGEN, SUPPLY PRESSURE AND HOSES
3625	ASSE	AIRCRAFT LOCKWIRE
3632	AE	AIRCRAFT AND GROUND SUPPORT EQUIPMENT ELECTRICAL CONNECTIONS FOR STATIC GROUNDING
3681	ILCEP	CRITERIA FOR PRESSURE FUELLING/DEFUELLING OF AIRCRAFT
3682	ILCEP	ELECTROSTATIC SAFETY CONNECTION PROCEDURES FOR AVIATION FUEL HANDLING AND LIQUID FUEL LOADING/UNLOADING OPERATIONS DURING GROUND TRANSFER AND AIRCRAFT FUELLING/DEFUELLING
3714	ASSE	STREAMERS, WARNING
3747	ILCEP	GUIDE SPECIFICATIONS (MINIMUM QUALITY STANDARDS) FOR AVIATION TURBINE FUELS (F-34, F-35, F-40 AND F-44)
3748	ILCEP	HYDRAULIC FLUIDS, PETROLEUM (H-515, H-520 AND C-635) AND POLYALPHAOLEFIN (H-537, H-538 AND H-544)

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3752	ASSE	WITNESS (BREAKING) WIRE FOR AIRCRAFT EMERGENCY CONTROLS AND EQUIPMENT
3765	ILCEP	PRESSURE REPLENISHMENT OF AIRCRAFT ENGINE OIL
3766	ASSE	GREASE NIPPLES
3802	ASSE	SCREWDRIVER RECESSES (HIGH PERFORMANCE)
3806	GGs	AIRCRAFT GASEOUS AIR/NITROGEN SYSTEMS REPLENISHMENT CONNECTORS
3812	ASSE	RESPONSIBILITIES FOR AIRCRAFT CROSS- SERVICING GROUND CREW TRAINING
3917	ASSE	AIR CONDITIONING CONNECTIONS, GROUND HALF CONNECTORS
3947	ASSE	GROUND HALF AIR AND ELECTRICAL CONNECTORS FOR LOW PRESSURE AIR STARTING OF AIRCRAFT
3976	GGs	LUBRICANTS FOR USE IN OXYGEN SYSTEMS WITH OXYGEN RICH ENVIRONMENTS
3979	TN	PARACHUTE EXTRACTION ASSEMBLIES
7028	ASSE	IDENTICAL AIRCRAFT FOR AIRCRAFT CROSS- SERVICING
3178	AR	ROLLED FILM AND AIR FRAMING CAMERA STANDARD IMAGE FORMAT
3179	AR	16MM AND 35MM ROLL FILM FOR AERIAL CAMERAS

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NATO STAGE B CROSS-SERVICING ISAs

STANAG NUMBER	WORKING GROUP	TITLE
3350	AVS	ANALOG VIDEO STANDARD FOR AIRCRAFT SYSTEM APPLICATIONS
3418	AR	FILM CORES
3419	AR	FILM SPOOLS FOR AERIAL CAMERAS
3441	AA	DESIGN OF AIRCRAFT STORES
3556	AA	AIRCRAFT STORE EJECTOR CARTRIDGE
3558	AA	LOCATION OF ELECTRICAL CONNECTORS FOR AIRCRAFT STORES
3575	AA	AIRCRAFT STORES EJECTOR RACKS
3576	AA	ELECTRICAL CONNECTOR FOR DISPENSERS AND INTERNAL INTERVALOMETER TYPE ROCKET LAUNCHERS FOR AIRCRAFT
3585	AA	20MM AMMUNITION FOR AIRCRAFT GUN
3599	AR	EDGE NUMBERING OF FILMS USED FOR AIR RECONNAISSANCE
3605	AA	COMPATIBILITY OF ARMING UNITS AND EXPENDABLE AIRCRAFT STORES
3635	AA	AIRCRAFT STORES SUSPENSION UNITS WITH GRAVITY RELEASE CAPABILITY
3726	AA	BAIL (PORTAL) LUGS FOR THE SUSPENSION OF AIRCRAFT STORES

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STANAG NUMBER	WORKING GROUP	TITLE
3781	AR	RECONNAISSANCE CROSS-SERVICING
3786	AA	SAFETY DESIGN REQUIREMENTS AND GENERAL DESIGN GUIDANCE FOR AIRBORNE DISPENSER WEAPONS
3791	AA	INTEROPERABILITY OF NATO AIRCRAFT AND STORES – AOP-11
3820	AA	27MM X 145 AMMUNITION AND LINKS FOR AIRCRAFT GUNS
3837	AA	AIRCRAFT STORES ELECTRICAL INTERCONNECTION SYSTEM
3842	AA	RAIL LAUNCHED MISSILE/LAUNCHER INTERFACE FOR AIRCRAFT
3859	AA	STANDARDIZED DATA LIST FOR INTEROPERABILITY STUDIES AND CERTIFICATION OF AIRCRAFT STORES
3898	AA	AIRCRAFT STORES INTERFACE MANUAL – AOP-12
3899	AA	GROUND FIT AND COMPATIBILITY CRITERIA FOR AIRCRAFT STORES

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NATO WORKING GROUPS

AA	Air Armament
AE	Air Electrical and Electromagnetic Considerations
AR	Air Reconnaissance
ASSE	Aircraft Servicing and Standard Equipment
AVS	Avionics Systems
FS	Flight Safety
GGs	Aircraft Gaseous Systems
ILCEP	Infrastructure, Logistics and Civil Emergency Planning Division, International Staff
INT	Intelligence Interservice

AIR STANDARDIZATION COORDINATING COMMITTEE (ASCC)  
CROSS-SERVICING ISAs

AIR STD NUMBER	WORKING GROUP	TITLE
15/4	15	ALLOWABLE DETERIORATION LIMITS FOR FUELS, LUBRICANTS AND ALLIED PRODUCTS
15/6	15	GUIDE SPECIFICATION (MINIMUM QUALITY STANDARDS) FOR AVIATION FUELS: NATO F-34, F-35, F-40 AND F-44)
15/7	15	GUIDE SPECIFICATION FOR PETROLEUM BASE AVIATION HYDRAULIC FLUIDS (H-515 AND H-520)



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AIR STD NUMBER	WORKING GROUP	TITLE
15/9	15	INTERCHANGEABILITY CHART OF STANDARDIZED AVIATION FUELS, LUBRICANTS AND ALLIED PRODUCTS
15/10	15	COMPRESSED NITROGEN CHARACTERISTICS FOR OIL TOLERANT USE (INCLUDING SUPPLY PRESSURE AND HOSES)
15/11	15	OIL FREE COMPRESSED NITROGEN CHARACTERISTICS (INCLUDING SUPPLY PRESSURE AND HOSES)
15/12	15	LIQUID NITROGEN CHARACTERISTICS
15/14	15	BREATHING OXYGEN CHARACTERISTICS (INCLUDING SUPPLY PRESSURE AND HOSES)
25/1	25	PRESSURE REPLENISHMENT CONNECTIONS FOR ENGINE LUBRICATING OIL
25/2	25	LOW PRESSURE AIR AND ASSOCIATED ELECTICAL CONNECTIONS FOR AERO ENGINE STARTING
25/3	25	AIRCRAFT SERVICING, HAZARD, AND EMERGENCY MARKINGS
25/5	25	LUNETTE EYE OR TOWING RING
25/6	25	AIRCRAFT HYDRAULIC SYSTEM SERVICING
25/7	25	AIRCRAFT JACKING PADS AND CLEARANCES
25/8	25	TIRE VALVE COUPLINGS

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AIR STD NUMBER	WORKING GROUP	TITLE
25/9	25	AIRCRAFT TOWING ATTACHMENTS
25/11	25	DIAMETERS FOR AIRCRAFT GRAVITY FILLING ORIFICES
25/12	25	PICKETING OR TIEDOWN FITTINGS FOR SHIPBORNE AIRCRAFT (INCLUDING HELICOPTERS)
25/13	25	IN-FLIGHT (AERIAL) REFUELING EQUIPMENT, DIMENSIONS AND FUNCTIONAL CHARACTERISTICS
25/15	25	AIR SUPPLY AND TESTING CONNECTIONS
25/17	25	PRESSURE FUELING REPLENISHMENT CONNECTION
25/18	25	CONNECTORS FOR 28 VOLT DC SERVICING POWER
25/19	25	CONNECTORS FOR 115/200 VOLT 400HZ 3-PHASE AC SERVICING POWER
25/21	25	GROUND ELECTRICAL POWER SUPPLIES FOR AIRCRAFT
25/24	25	GROUND RECHARGING OF AIRCRAFT MAIN BATTERIES
25/25	25	ELECTRICAL SAFETY INTERCONNECTIONS BETWEEN AIRCRAFT, SUPPORT EQUIPMENT AND EARTH
25/26	25	EARTHING/GROUNDING PLUG AND SOCKET

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AIR STD NUMBER	WORKING GROUP	TITLE
25/27	25	AIRCRAFT LIQUID OXYGEN REPLENISHMENT CONNECTIONS
25/34	25	AIRCRAFT GASEOUS OXYGEN REPLENISHMENT CONNECTIONS
25/35	25	AIRCRAFT GASEOUS AIR/NITROGEN REPLENISHMENT CONNECTIONS
25/45	25	AIRCRAFT CROSS SERVICING GUIDES
25/52	25	MARSHALLING SIGNAL FOR FIXED WING AND ROTARY WING AIRCRAFT

ASCC WORKING GROUPS

15	AVIATION FUELS, LUBRICANTS, ALLIED PRODUCTS AND GASES
25	AEROSPACE ENGINEERING, MAINTENANCE AND LOGISTICS