

CHAPTER 4

AUXILIARY LIFE SUPPORT EQUIPMENT TABLES

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Table 4-2. SV-2B (Fighter, Attack) Survival Vest

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternative available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Required Landmark Type 27
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available); Minimum 1, can have 2
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Minimum is 1, can carry 2
Knife	Survival	(Alternative available)
	Pocket, Folding	(Note [1])
	Hook Blade	
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Mini-Mag-Lite	Alternative to Required Penlight
	Brinkman	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B1	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2

Table 4-2. SV-2B (Fighter, Attack) Survival Vest (Cont)

Item		Comment
Required Items (Cont)		
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31, however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item
Holster	Gun Shoulder Holster	For 9 mm or 38 cal
Light	Chemical, 6 hour, green	
	Cyalume S.O.S. Signal, 5 minute, orange	
	Cyalume S.O.S. Signal, 8 hours, green	
	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
	Flashlight, Right Angle-MX-991	
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm

Table 4-2. SV-2B (Fighter, Attack) Survival Vest (Cont)

Item		Comment
Optional Items (Cont)		
Saw	Pocket, Chain	Overland Missions; Open Purchase
Signal	Dye Marker	
Tubing	Rubber	
Notes: 1. Alternative survival knife identified in annual State of the Art Survival Message (SOASI).		

Table 4-3. SV-2B (Helo) Survival Vest

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternative available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available); Minimum quantity is 2
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Quantity is 2
General and Medical Kit	SRU-31/P	(Alternative available)
	SRU-31A/P	Alternative to Required SRU-31/P when promulgated by Type Commanders; Fleet-made item
HABD/HEED	SRU-40/P	(Alternative available) for Overwater flights
	SRU-36/P	Alternative to Required SRU-40/P for Overwater flights
Knife	Survival	(Alternative available)
	Pocket, Folding	(Note 1)
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Brinkman	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Mini-Mag-Lite	Alternative to Required Penlight
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal	Dye Marker	
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2

Table 4-3. SV-2B (Helo) Survival Vest (Cont)

Item	Comment	
Required Items (Cont)		
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B1	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31, however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Landmark Type 27
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item
Holster	HEED Holster Assembly	Cannot be ordered from supply; For use by Crew Chiefs and Utility Aircrewmembers on SAR helos
	Gun Shoulder Holster	For 9 mm or 38 cal
	Gun Snap Holster	For 9 mm or 38 cal; Snaps to SV-2

Table 4-3. SV-2B (Helo) Survival Vest (Cont)

Item	Comment	
Optional Items (Cont)		
Knife	Hook Blade	
Light	Flashlight, Right Angle-MX-991	
	Cyalume S.O.S. Signal, 5 minute, orange	
	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Cyalume S.O.S. Signal, 8 hours, green	
	Chemical, 6 hour, green	
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm
Saw	Pocket, Chain	Open Purchase, Land-Based missions
Tubing	Rubber	
Notes: 1. Alternative survival knife identified in annual State of the Art Survival Message (SOASI).		

Table 4-4. SV-2B (Non-Ejection Seat, Carrier Based) Survival Vest

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternative available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Required Landmark Type 27
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available): Minimum 1, can have 2
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Minimum is 1, can carry 2
General and Medical Kit	SRU-31/P	Required for C-2 (Alternative available); Not Required for E-2C
	SRU-31A/P	Alternative to Required SRU-31/P for C-2; Not Required for E-2C; When promulgated by Type Commanders; Fleet-made item
HABD/HEED	SRU-40/P	(Alternative available) for Overwater flights
	SRU-36/P	Alternative to Required SRU-40/P for Overwater flights
Knife	Survival	(Alternative available)
	Pocket, Folding	(Note [1])
	Hook Blade	
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Brinkman	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Mini-Mag-Lite	Alternative to Required Penlight
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal	Dye Marker	
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2

Table 4-4. SV-2B (Non-Ejection Seat, Carrier Based) Survival Vest (Cont)

Item	Comment	
Required Items (Cont)		
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31, however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item
Holster	HEED Holster Assembly	Cannot be ordered from supply; For use by Crew Chiefs and Utility Aircrewmembers on SAR helos
	Gun Shoulder Holster	For 9 mm or 38 cal
	Gun Snap Holster	For 9 mm or 38 cal; Snaps to SV-2

Table 4-4. SV-2B (Non-Ejection Seat, Carrier Based) Survival Vest (Cont)

Item	Comment	
Optional Items (Cont)		
Light	Cyalume S.O.S. Signal, 5 minute, orange	
	Cyalume S.O.S. Signal, 8 hours, green	
	Chemical, 6 hour, green	
	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Flashlight, Right Angle-MX-991	
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm
Saw	Pocket, Chain	Overland Missions; Open Purchase
Tubing	Rubber	
Notes: 1. Alternative survival knife identified in annual State of the Art Survival Message (SOASI).		

Table 4-5. SV-2B (Non-Ejection Seat, Land Based) Survival Vest

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternative available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Required Landmark Type 27
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available); Minimum 1, can have 2
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Minimum is 1, can carry 2
Knife	Survival	(Alternative available)
	Pocket, Folding	(Note [] [])
	Hook Blade	
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Brinkman	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Mini-Mag-Lite	Alternative to Required Penlight
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal	Dye Marker	
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B1	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2

Table 4-5. SV-2B (Non-Ejection Seat, Land Based) Survival Vest

Item	Comment	
Required Items		
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31; however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
General and Medical Kit	SRU-31/P	(Alternative available)
	SRU-31A/P	Alternative to Required SRU-31/P when promulgated by Type Commanders; Fleet-made item
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item
Holster	Gun Shoulder Holster	For 9 mm or 38 cal
	Gun Snap Holster	For 9 mm or 38 cal; Snaps to SV-2
Light	Chemical, 6 hour, green	
	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
	Cyalume S.O.S. Signal, 5 minute, orange	
	Cyalume S.O.S. Signal, 8 hours, green	
	Flashlight, Right Angle-MX-991	

Table 4-5. SV-2B (Non-Ejection Seat, Land Based) Survival Vest (Cont)

Item	Comment	
Optional Items (Cont)		
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm
Saw	Pocket, Chain	Open Purchase
Tubing	Rubber	
Notes: 1. Alternative survival knife identified in annual State of the Art Survival Message (SOASI).		

Table 4-6. CMU-24/P Survival Vest

Item	Comment	
Required Items		
Compass	Lensatic	(Alternatives available)
	Landmark Type 27	Alternative to Required Lensatic
	Wrist	Alternative to Required Lensatic
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available); Minimum quantity is 1
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Minimum is 1
Knife	Pocket	
Light	Handheld, Penlight	(Alternatives available)
	Brinkman	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Mini-Mag-Lite	Alternative to Required Penlight
	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Bottle	Water, Emergency Drinking, 4 oz.	
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513

Table 4-6. CMU-24/P Survival Vest (Cont)

Item	Comment	
Optional Items (Cont)		
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7 No longer in print	
Fire Starter	Spark-LITE	
	Strike Force Striker Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended	
Heat Pack	Chemical For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item	
Holster	Gun Shoulder Holster For 9 mm or 38 cal	
Knife	Hook Blade	
Light	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Chemical, 6 hour, green	
	Cyalume S.O.S. Signal, 8 hours, green	
	Cyalume S.O.S. Signal, 5 minute, orange	
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
Map	Geographical Area	
Matches	Lifeboat Open Purchase	
Pistol and Ammunition	9 mm (Alternative available)	
	38 Caliber Alternative to 9 mm	
Saw	Pocket, Chain Open Purchase, Land-Based missions	
Signal	Dye Marker	
Tubing	Rubber	

Table 4-7. CMU-30/P22P-15 (AISAP) Survival Vest

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternative available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available); Minimum quantity is 2
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Quantity is 2
General and Medical Kit	SRU-31/P	(Alternative available)
	SRU-31A/P	Alternative to Required SRU-31/P when promulgated by Type Commanders; Fleet-made item
HABD/HEED	SRU-40/P	(Alternative available) for Overwater flights
	SRU-36/P	Alternative to Required SRU-40/P for Overwater flights
Knife	Survival	(Alternative available)
	Pocket, Folding	(Note 1)
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Mini-Mag-Lite	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Brinkman	Alternative to Required Penlight
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal	Dye Marker	
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2

Table 4-7. CMU-30/P22P-15 (AISAP) Survival Vest (Cont)

Item	Comment	
Required Items (Cont)		
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B1	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40
Optional Items		
Bag	Hands Free Hydration System	50 ounce maximum capacity commercially procured item.
	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31, however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Landmark Type 27
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item

Table 4-7. CMU-30/P22P-15 (AISAP) Survival Vest (Cont)

Item	Comment	
Optional Items (Cont)		
Holster	HEED Holster Assembly	Cannot be ordered from supply; For use by Crew Chiefs and Utility Aircrewmembers on SAR helos
	Gun Snap Holster	For 9 mm or 38 cal
	Gun Shoulder Holster	For 9 mm or 38 cal
Knife	Hook Blade	
Light	Cyalume S.O.S. Signal, 8 hours, green	
	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Chemical, 6 hour, green	
	Cyalume S.O.S. Signal, 5 minute, orange	
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Flashlight, Right Angle-MX-991	
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm
Saw	Pocket, Chain	Open Purchase, Land-Based missions
Tubing	Rubber	
Notes: 1. Alternative survival knife identified in annual State of the Art Survival Message (SOASI).		

Table 4-8. CMU-33, Type 1, HELO (AIRSAVE (A/P22P-18)) Survival Vest

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternative available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available); Minimum 1, can have 2
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Minimum is 1, can carry 2
General and Medical Kit	SRU-31/P	(Alternative available)
	SRU-31A/P	Alternative to Required SRU-31/P when promulgated by Type Commanders; Fleet-made item
HABD/HEED	SRU-40/P	(Alternative available) for Overwater flights
	SRU-36/P	Alternative to Required SRU-40/P for Overwater flights
Knife	Survival	(Alternative available)
	Pocket, Folding	(Note [1])
	Leatherman "Wave" Survival Tool	Required for V-22, Open Purchase
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Mini-Mag-Lite	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Brinkman	Alternative to Required Penlight
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal	Dye Marker	
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2

Table 4-8. CMU-33, Type 1, HELO (AIRSAVE (A/P22P-18)) Survival Vest (Cont)

Item	Comment	
Required Items (Cont)		
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B1	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31, however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Landmark Type 27
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item
Holster	HEED Holster Assembly	Cannot be ordered from supply; For use by Crew Chiefs and Utility Aircrewmembers on SAR helos
	Gun Shoulder Holster	For 9 mm or 38 cal
	Gun Snap Holster	For 9 mm or 38 cal

Table 4-8. CMU-33, Type 1, HELLO (AIRSAVE (A/P22P-18)) Survival Vest (Cont)

Item	Comment	
Optional Items (Cont)		
Knife	Hook Blade	
Light	Cyalume S.O.S. Signal, 5 minute, orange	
	Cyalume S.O.S. Signal, 8 hours, green	
	Chemical, 6 hour, green	
	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
	Flashlight, Right Angle-MX-991	
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm
Saw	Pocket, Chain	Open Purchase, Land-Based missions
Tubing	Rubber	
Notes: 1. Alternative survival knife identified in annual State of the Art Survival Message (SOASI).		

Table 4-9. CMU-33, Type 2, TACAIR (AIRSAVE (A/P22P-18)) Survival Vest

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternative available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Required Landmark Type 27
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available); Minimum 1, can have 2
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Minimum is 1, can carry 2
HABD	SRU-40/P	Authorized only in the E-2 and C-2 aircraft
Knife	Survival	(Alternative available)
	Pocket, Folding	(Note [])
	Hook Blade	
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Brinkman	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Mini-Mag-Lite	Alternative to Required Penlight
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B1	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40

Table 4-9. CMU-33, Type 2, TACAIR (AIRSAVE (A/P22P-18)) Survival Vest (Cont)

Item		Comment
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31, however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item
Holster	Gun Snap Holster	For 9 mm or 38 cal
	Gun Shoulder Holster	For 9 mm or 38 cal
Light	Flashlight, Right Angle-MX-991	
	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Cyalume S.O.S. Signal, 8 hours, green	
	Chemical, 6 hour, green	
	Cyalume S.O.S. Signal, 5 minute, orange	
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm
Saw	Pocket, Chain	Overland Missions; Open Purchase
Signal	Dye Marker	
Tubing	Rubber	
Notes: 1. Alternative survival knife identified in annual State of the Art Survival Message (SOASI).		

Table 4-10. Deleted

Table 4-11. A/P22P-19(V) Swimmer's Rescue Ensemble

Item		Comment
Boots, Divers Suit	FWU-13	
Divers Suit	CMU-37	
Divers Suit (Instructor)	CMU-36	
Gloves, Divers Suit	HAU-16	
Hood, Divers Suit	HGU-88	
Jacket, Divers Suit	CMU-35	
Trousers, Divers Suit	CMU-34	

Table 4-12. HBU-11, HBU-23 (P/N 205) Swimmer's Rescue Harness

Item	Comment
Required Items	
Day/Night Distress Signal	MK-124 Mod 0 Minimum quantity is 2
HABD	SRU-40/P Series Use of HABD holster is required
Holster	HABD Model
Knife	Divers
	Hook Blade
Light	Chemical, 6 inches, 30 minutes, high intensity yellow Quantity is 2; Shall not be replaced by Cyalume S.O.S. Signal Light
	Chemical, 4 inches, 6 hour, green Quantity is 2; Shall not be replaced by Cyalume S.O.S. Signal Light
	Signal, SDU-39/N To replace SDU-5/E
Mirror	Emergency Signal, 2 x 3 (Alternative available); To replace 3 x 5 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3 Alternative to the glass 2 x 3 Signal Mirror
Signal	Dye Marker
Survival Radio	AN/PRC-125 (Alternative available); Attached to LPU-28/P with velcro; Described in NWP-3-50.1
	AN/PRC-149 with C-12631/PRC-149 Swimmers Radio Control Unit Alternative to PRC-125

Table 4-13. PCU-34/P, PCU-39/P, PCU-50/P, PCU-57/P, PCU-59/P Torso Harness

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternatives available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available)
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124
Knife	Hook Blade and Snap Blade, MC-1	Can be replaced by Hook Blade only if additional knife is carried
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Brinkman	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Mini-Mag-Lite	Alternative to Required Penlight
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B1	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40

Table 4-13. PCU-34/P, PCU-39/P, PCU-50/P, PCU-57/P, PCU-59/P Torso Harness

Item	Comment	
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31, however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Landmark Type 27
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item
Holster	Gun Shoulder Holster	For 9 mm or 38 cal
Knife	Hook Blade	
Light	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Chemical, 6 hour, green	
	Cyalume S.O.S. Signal, 5 minute, orange	
	Cyalume S.O.S. Signal, 8 hours, green	
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm

Table 4-13. PCU-34/P, PCU-39/P, PCU-50/P, PCU-57/P, PCU-59/P Torso Harness (Cont)

Item	Comment
Optional Items (Cont)	
Saw	Pocket, Chain Overland Missions only; Open Purchase
Signal	Dye Marker
Tubing	Rubber

Table 4-14. PCU-55/P, PCU-60/P Torso Harness

Item	Comment	
Required Items		
Bottle	Water, Emergency Drinking, 4 oz.	(Alternative available); Minimum is 1, additional bottles allowed
	Water, Bagged Drinking, 4 oz.	Alternative to Required Bottle
Compass	Landmark Type 27	(Alternative available); Open Purchase; Will replace Wrist Compass by attrition
	Wrist	Alternative to Landmark Type 27
Day/Night Distress Signal	MK-124 Mod 0	(Alternative available): Minimum 1, can have 2
	MK-13 Mod 0	Alternative to Required (and to be replaced by) MK-124; Minimum is 1, can carry 2
HEED	SRU-40/P	(Alternative available) for Overwater flights
	SRU-36/P	Alternative to Required SRU-40/P for Overwater flights
Knife	Hook Blade and Snap Blade, MC-1	Can be replaced by Hook Blade only if additional knife is carried
Light	Signal, SDU-39/N	(Alternatives available); To replace SDU-5/E
	Signal, SDU-5/E	Alternative to Required SDU-39
	Handheld, Penlight	(Alternatives available)
	Brinkman	Alternative to Required Penlight
	KEL-LITE	Alternative to Required Penlight
	Mini-Mag-Lite	Alternative to Required Penlight
	Flashlight, Right Angle-MX-991	
Light Cover	Signal, SDU-5/E, Flashguard Assembly	
Mirror	Emergency Signal, 2 x 3	(Alternative available); To replace 3 x 5 Signal Mirror
	Emergency Signal, 3 x 5	Alternative to Required 2 x 3 Signal Mirror
	Mark 4, Emergency Signaling, 2 x 3	Alternative to Required 2 x 3 glass Signal Mirror; Acrylic
Signal Kit, Personnel	MK-79, Mod 2	(Alternatives available)
	MK-79, Mod 0	Alternative to Required (and will be replaced by) Mod 2
Survival Radio	AN/PRC-90-2	(Alternatives available)
	AN/PRC-112(V)	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112B1	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-112C	Alternative to Required PRC-90-2; Assigned by TYCOM as dictated by mission
	AN/PRC-149	Alternative to Required PRC-90-2
	AN/PRC-90	Alternative to Required PRC-90-2

Table 4-14. PCU-55/P, PCU-60/P Torso Harness

Item	Comment	
Required Items (Cont)		
Whistle	Fox 40	(Alternative available); Open Purchase
	Signaling	Alternative to Required Fox 40
Optional Items		
Bag	Water Storage, 5 quart	
	Plastic, Polyethylene	33 gallon capacity; Intended for wind/rain protection, storage, insulation, food gathering, etc.
	Water Storage, Clear Vinyl, 1 quart	Alternative for the water bag in the SRU-31, however, it is stored rolled up behind bagged water in the vest
Bagged	Drinking Water, 4 oz.	In addition to 4 oz. Water Bottle
Blanket	Lightweight, Combat Casualty, Type II	
Code Card	Ground/Air Emergency	Reference Document is NAVAIR 00-25-513
Cord	Nylon, 50 feet	
Emergency Guide Device	Sea/Land Survival-9B7	No longer in print
Fire Starter	Spark-LITE	
	Strike Force Striker	Open Purchase; Additional tinder fuel blocks (P/N WG0400) are recommended
Heat Pack	Chemical	For use with Cold/Wet Protective Glove, HAU-14/P, or as a separate item
Holster	Gun Shoulder Holster	For 9 mm or 38 cal
Knife	Hook Blade	
Light	Chemical, 6 inches, 30 minutes, high intensity yellow	
	Chemical, 6 hour, green	
	Cyalume S.O.S. Signal, 5 minute, orange	
	Cyalume S.O.S. Signal, 8 hours, green	
	Chemical, 12 hour, green	To be replaced by Cyalume S.O.S. Light by Attrition
	Chemical, 5 minutes, orange	To be replaced by Cyalume S.O.S. Light by Attrition
Map	Geographical Area	
Matches	Lifeboat	Open Purchase
Pistol and Ammunition	9 mm	(Alternative Available)
	38 Caliber	Alternative to 9 mm

Table 4-14. PCU-55/P, PCU-60/P Torso Harness (Cont)

Item		Comment
Optional Items (Cont)		
Saw	Pocket, Chain	Open Purchase, Land-Based missions
Signal	Dye Marker	
Tubing	Rubber	

Table 4-15. Optional Items

Item		Comment
Blanket	Heavyweight, Combat Casualty, Type I	
Bottle	Water, Canteen	
Clipboard	Aircrewmembers, MXU-163/P	
	Pilots Mapstrap Kneeboard	
Cold Weather Protective Clothing	Items as identified in annual cold weather message	Open purchase item. Annual NAVAIR Cold Weather message, DTG may be found on PMA-202 Web page: http://pma202.navair.navy.mil
Hooded Suit	Thermal Protective Aid	
Light	Boom Microphone (Lip Lite)	Intended for Helicopter Aircrew, Fixed-Wing Non-Ejection Seat Aircrew, and Pilot and Co-Tac of S-3 Series Aircraft
	Finger Light, FL-5	Open Purchase
Spectacles	Dark Adaptation Glasses	For use prior to night flights
State of the Art Survival Items	Items as identified in annual SOASI message	Open purchase item. Annual NAVAIR SOASI message, DTG may be found on PMA-202 Web page: http://pma202.navair.navy.mil
Sun Protection	Sunburn Preventative Preparation (Cream Paste)	To be replaced by Pre-Sun Sunscreen
	Pre-Sun Sunscreen	To replace Cream Paste
Watch	Wrist	To be used during combat missions at the discretion of the local commander