



DEPARTMENT OF THE NAVY

NAVAL AIR STATION OCEANA
1750 TOMCAT BOULEVARD
VIRGINIA BEACH, VIRGINIA 23460-2191

IN REPLY REFER TO:

NASOCEANAINST 1510.8D
30

07 NOV 2000

NAS OCEANA INSTRUCTION 1510.8D

Subj: AIRCREW TRAINING PROGRAM

Ref: (a) MILPERSMAN 1220-020
(b) OPNAVINST 3710.7R
(c) UH-3H NATOPS Flight Manual (NA-01-230HLH-1)
(d) NAVPERS 115909F
(e) NAVPERS 18068
(f) COMNAVAIRLANTINST 1326.2
(g) BUPERSINST 1326.4C
(h) NWP-19-1B
(i) OPNAVINST 3130.6B

Encl: (1) Qualification/Designation Requirements
(2) Annual NATOPS Training Lectures
(3) Aircrewman Annual Training Requirements
(4) Required Reading for Utility Aircrewmen
(5) Aviation Rescue Swimmer Initial Training Checklist
(6) Utility Aircrewman Designation Worksheet
(7) Crew Chief Designation Worksheet
(8) Utility Aircrewman/SAR Medical Technician Ground Training Syllabus
(9) Utility Aircrewman/SAR Medical Technician Flight Training Syllabus
(10) Crew Chief In-flight Training Syllabus

1. Purpose. To standardize unit procedures and outline requirements for qualification and designation of all enlisted aircrew positions in UH-3H aircraft.

2. Cancellation. NASOCEANAINST 1510.8C.

3. Discussion

a. References (a) through (i) establish basic requirements for designation and Search and Rescue (SAR) training requirements.

b. Naval Aircrewmen require initial and recurrent training to perform Naval Air Station (NAS) Oceana SAR missions. The Aircrewman Training Syllabus, enclosures (1) through (10), establishes a concise, standardized training program with an emphasis on safety. Standardization is stressed in all rescue procedures, internal cargo handling procedures and airborne emergency/troubleshooting procedures.

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4. Action

a. Commanding Officer or designated Officer in Charge shall be the final authority for Aircrewman designation.

b. Naval Air Training and Operating Procedures Standardization (NATOPS) Officer

(1) Responsible for the overall management of the Aircrew Training Program and Aircrewman qualification.

(2) Establish and maintain a training syllabus for eligible personnel to meet the requirements for qualification and designation as Naval Aircrewman in accordance with current directives.

c. Aircrew Schedules Petty Officer

(1) Maintain close liaison with the Enlisted NATOPS Instructor to ensure the coordinated execution of a continuous in-flight and ground training program for all assigned Aircrewmen.

(2) Monitor each Aircrewman's progress toward designation as a Crew Chief on a monthly basis.

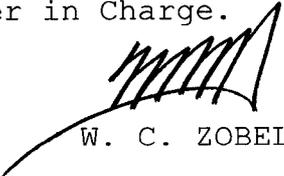
d. Aircrew NATOPS Instructors

(1) Review each individual Aircrewman's NATOPS Training Jacket and Enlisted Service Record upon check-in. Any training deficiencies or administrative discrepancies will be resolved as soon as possible.

(2) Assign newly arrived Aircrewmen to the appropriate syllabus.

(3) Coordinate and track training, qualifications and requalifications and conduct NATOPS checks of all assigned Aircrewmen through liaison with the Aircrew Schedules Petty Officer.

(4) Ensure all designated rescue swimmers complete all SAR evaluations requirements and are designated by the Commanding Officer or Officer in Charge.



W. C. ZOBEL

Distribution:
NASOCEANAINST 5216.1V
List I (Case B) (11, 30 and 30L only)

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QUALIFICATION/DESIGNATION REQUIREMENTS

1. General. All Aircrewmen shall meet physical requirements in accordance with all applicable Bureau of Medicine and Surgery (BUMED) instructions and maintain currency in physiology/water survival. Each must have a current NATOPS evaluation and maintain a consistent record of above average (no traits below a 3.0 in any category) performance evaluation marks in all areas per references (a) and (b). Specific requirements for designation as Utility Aircrewman are delineated in references (c) and (i) and enclosures (8) and (9). Specific requirements for designation as SAR Medical Technician are delineated in references (c) and (i) and enclosures (8) and (9). Specific requirements for designation as Helicopter Crew Chief are delineated in reference (c).

2. Rescue Swimmers. Specific requirements for designation as a command rescue swimmer are delineated in reference (i). Completion must be within 90 days of reporting on board and annotated on enclosure (5).

3. Time Requirement

a. Per reference (g), Naval Aircrewmen not previously qualified in type aircraft shall be allowed a maximum of 18 months from the date of reporting to achieve qualifications as a Utility Aircrewman and Helicopter Crew Chief.

b. Naval Aircrewmen previously qualified as a Helicopter Crew Chief in type aircraft shall achieve requalification within the following time limits:

(1) Lapse of two years or less = complete Helicopter Crew Chief syllabus and become designated within six months.

(2) Lapse of more than two years = complete Utility Aircrewman and Crew Chief syllabus and become designated within 12 months.

4. Previous Designations. Naval Aircrewmen designated as a H-3 Helicopter Crew Chief by another command, and still H-3 NATOPS current, should be redesignated for NAS Oceana SAR after completing the following:

a. Two familiarization flights

b. Standardization check flight with the NATOPS Instructor

5. Waivers. Per reference (b), the Commanding Officer may grant extensions for designation beyond the above limits.

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6. Aircrewman Disqualification. Per references (a), (b) and (g), the Commanding Officer may suspend any Aircrewman from duty involving flying and recommend revocation of Aircrew orders if any of the following conditions occur:

a. An individual fails to qualify/requalify as a Helicopter Crew Chief within the time requirements.

b. An individual is involved in a serious disciplinary infraction that results in Nonjudicial Punishment (NJP) or court-martial, including a drug/alcohol abuse violation.

c. An Aircrewman fails to maintain a consistent record of above average performance.

d. After appropriate technical examination, the individual is determined to lack the minimum operational qualification standards.

e. After appropriate medical examination, the individual is found to be permanently physically disqualified or not aeronautically adaptable for duty involving flying.

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ANNUAL NATOPS TRAINING LECTURES

NATOPS TRAINING LECTURES ICO: _____

LECTURES:	DATE COMPLETED			
	CY: _____	CY: _____	CY: _____	CY: _____
<u>JANUARY</u>				
1. UH-3H AIRCRAFT	_____	_____	_____	_____
2. CARGO: INTERNAL & EXTERNAL	_____	_____	_____	_____
3. HOIST EMERGENCY PROCEDURES	_____	_____	_____	_____
<u>FEBRUARY</u>				
4. HELICOPTER IN-FLIGHT REFUELING (HIFR)/MEDICAL EVACUATION/PASSENGER TRANSFER	_____	_____	_____	_____
5. TRIM CHECKER & TOPPING	_____	_____	_____	_____
6. T58-GE-402 ENGINES	_____	_____	_____	_____
<u>MARCH</u>				
7. AIRCRAFT OPERATING LIMITATIONS	_____	_____	_____	_____
8. SAR PROCEDURES	_____	_____	_____	_____
9. FUEL DUMPING IN-FLIGHT/HIFR	_____	_____	_____	_____
<u>APRIL</u>				
10. CREWMAN QUALIFICATIONS/DUTIES	_____	_____	_____	_____
11. FUEL SYSTEM OF THE UH-3H	_____	_____	_____	_____
12. DITCHING PROCEDURES	_____	_____	_____	_____
<u>MAY</u>				
13. HELICOPTER RESCUE DEVICES	_____	_____	_____	_____
14. HOVERTRIM PROCEDURES	_____	_____	_____	_____
15. EMERGENCIES	_____	_____	_____	_____
<u>JUNE</u>				
16. NATOPS	_____	_____	_____	_____
17. SAFETY	_____	_____	_____	_____
18. EMERGENCY SYSTEMS	_____	_____	_____	_____
<u>JULY</u>				
19. EMERGENCY EQUIPMENT	_____	_____	_____	_____
20. STARTER/SPEED SELECTORS	_____	_____	_____	_____
21. TRANSMISSION SYSTEM	_____	_____	_____	_____
<u>AUGUST</u>				
22. ROTOR SYSTEM	_____	_____	_____	_____
23. LANDING GEAR	_____	_____	_____	_____
24. ELECTRICAL SYSTEM	_____	_____	_____	_____
<u>SEPTEMBER</u>				
25. VISUAL CONTACT	_____	_____	_____	_____
26. GEAR INSPECTIONS	_____	_____	_____	_____
27. EGRESS	_____	_____	_____	_____
<u>OCTOBER</u>				
28. FLIGHT BRIEF	_____	_____	_____	_____
29. FLIGHT PACKET	_____	_____	_____	_____
30. CROSS-COUNTRY	_____	_____	_____	_____
<u>NOVEMBER</u>				
31. NAVIGATIONAL BAG FAMILIARIZATION	_____	_____	_____	_____
32. AIRCRAFT RECORDS	_____	_____	_____	_____
33. LANDING SIGNAL ENLISTED HAND SIGNALS	_____	_____	_____	_____
<u>DECEMBER</u>				
34. CONFINED AREA LANDING	_____	_____	_____	_____
35. DECK LANDING QUALIFICATION (DLQ)/SHIP LANDING QUALIFICATION PROCEDURES	_____	_____	_____	_____

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AIRCREWMAN ANNUAL TRAINING REQUIREMENTS

1. Physical Readiness Test (score of good or better)
2. Cardio-Pulmonary Resuscitation (CPR) and First Aid Qualification
3. Flight Physical
4. Aircraft Egress
5. Aircrew Coordination Training
6. NATOPS
 - a. Open Book Exam
 - b. Closed Book Exam
 - c. Oral Exam
 - d. Flight Evaluation
7. Plane Captain Qualification: Helicopter Crew Chief
8. SAR
 - a. Closed Book Exam
 - b. SAR Evaluation
9. Rescue Swimmer Training
 - a. Eight Hours Pool Training
 - b. Four Day Deployments
 - c. Two Night Deployments

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REQUIRED READING FOR UTILITY AIRCREWMEN

- A. NAS Oceana SAR Standard Operating Procedures (SOP)
- B. UH-3H NATOPS Flight Manual Navair 01-230HLH-1
- C. OPNAVINST 3710.7r
- D. Naval Warfare Publication (NWP) 3-40.1M
- E. NWP 3-50.1
- F. OPNAVINST 3130.6B

Required Reading Chapters

- A. SAR SOP (All)
- B. UH-3H NATOPS
 - 1. Pages 43-51
 - 2. Chapters 1-6
 - 3. Chapter 7 paragraphs
 - a. 7.1 (General)
 - b. 7.7.1.1 (Taxi Checklist)
 - c. 7.9 (Takeoff Checklist)
 - d. 7.12.1 (Fuel Cross-feed)
 - e. 7.12.3 (Fuel Dumping In-flight)
 - f. 7.12.3 (Helicopter Lighting)
 - g. 7.19 (Pressure Refueling with Rotors Engaged)
 - h. 7.21 (Postflight)
 - 4. Chapter 8 paragraphs
 - a. 8.1 (Carrier Operations)
 - b. 8.2 (Flight/Hangar Deck Procedures)

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- c. 8.2.4 (Pressure Refueling Aboard Ship with Rotors Engaged)
- d. 8.3.3 [Night and Instrument Flight Rules (IFR) Operations]
- e. 8.4.1.1 (Helicopter Movement)
- f. 8.4.1.3 (Engagement)
- g. 8.4.3.3 (Landing Phase)
- 5. Chapter 9 paragraphs
 - a. 9.4 (HIFR Procedures)
 - b. 9.6 (Additional Missions/Static Displays)
- 6. Chapter 10 paragraph
 - a. 10.1 [Functional Check Flight (FCF) Procedures (Pages 10-1 through 10-5)]
- 7. Chapter 11 paragraphs
 - a. 11.2.4.1 (Hovering Over Salt Water)
 - b. 11.3.2 (Landing Sight Evaluation (TREP))
- 8. Chapter 12 paragraphs
 - a. 12.1 (General)
 - b. 12.4.7 (Postshutdown Fire)
 - c. 12.5.4 (Inadvertent Fuel Dumping In-flight)
 - d. 12.21.2.2 (Battery Overheat)
 - e. 12.26 (Utility Hydraulic System Failure)
 - f. 12.27 (Rescue Hoist Malfunction)
 - g. 12.28 (Landing Gear Failure)
 - h. 12.30 (Rotor Brake Caution Light)
 - i. 12.37 (Emergency Water Operations)
 - j. 12.41 (Auxiliary Flotation Collar)

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9. Chapter 15 paragraphs
 - a. 15.1 (Intro Communications-Navigation Operations)
 - b. 15.3.2 (Interphone Operations)
 - c. 15.4 [Ultrahigh Frequency Communications (UHF/COMM)
Set (AN/ARC-159)]
 - d. 15.9 [Very High Frequency Communications (VHF/COMM)
Set (AN/ARC-186)]
 - e. 15.21 (Visual Communication In-flight)
 10. Chapter 18 paragraphs
 - a. 18.1 (General Flight Crew Coordination)
 - b. 18.9 (Emergencies)
 - c. 18.12 (SAR)
 - d. 18.12.2 (Safety Precautions)
- C. OPNAVINST 3710.7R
1. Chapter 4 paragraph
 - a. 4.4.3 (Fuel Procedures)
 2. Chapter 7 paragraphs
 - a. 7.1.1.1 (Flight Precautions)
 - b. 7.1.6 (Distress and Emergency)
 - c. 7.1.7 (Ditching and Bailout)
 3. Chapter 8 paragraphs
 - a. 8.2.1.1 (Aircrew Personal Protective Equipment)
 - b. 8.2.2 (Life Rafts)
 - c. 8.3.2 (Factors Affecting Personal Readiness and
Qualification)
 - d. 8.4.1 (General Aviation Survival and Emergency Egress
Training)

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4. Chapter 9 paragraph
 - a. 9.2.1 (Security of Aircraft Away from Base)
 5. Chapter 11 paragraph
 - a. 11.2.4 (Annual Flying Requirements for Aeronautically Designated Officer Personnel)
 6. Chapter 12 paragraph
 - a. 12.9.5 (Time of Requalification for Naval Aircrewmen)
- D. NWP 3-40.1M
1. Chapter 2 paragraphs
 - a. 2.1.1 (General Safety Measures)
 - b. 2.1.2 (Foreign Object Damage)
 - c. 2.8.4 (Static Discharge Hazards)
 2. Chapter 4 paragraphs
 - a. 4.5.2.3 (Hot Refueling Procedures)
 - b. 4.5.2.4 (Hot Refueling Safety Precautions)
 - c. 4.5.3 (HIFR)
 3. Chapter 5 paragraphs
 - a. 5.2.1.2 (Standard Transfer Procedures)
 - b. 5.2.2 (Cargo to be Transferred)
 - c. 5.3.1 (Transfer of Personnel by Hoist)
 - d. 5.3.1.1 (Hoisting from Helo to Ship)
 - e. 5.3.1.2 (Hoisting from Ship to Helo)
 - f. 5.3.2 (Transfer of Material by Hoist)
 4. Chapter 11 paragraphs
 - a. 11.1 (SH-3H Helicopter)
 - b. 11.2 (Flight/Hangar Deck Procedures)

c. 11.2.1 (Starting the Helicopter)

E. NWP 3-50.1

1. Chapter 1 paragraph

a. 1.1 through 1.9.4 (Aviation Maritime SAR Procedures)

2. Chapter 2 paragraph

a. 2.1 through 2.6.2 (SAR Communication Procedures)

3. Chapter 3 paragraph

a. 3.1 through 3.9.3 (Rescue Swimmer Procedures)

4. Chapter 4 paragraphs

a. 4.1 through 4.4.4 (Inland SAR Procedures)

5. Chapter 5 paragraphs

a. 5.1 through 5.13 (SAR Equipment)

6. Chapter 7 paragraphs

a. 7.1 through 7.2.4 (Medical Procedures)

F. OPNAVINST 3130.6B

1. All applicable paragraphs

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AVIATION RESCUE SWIMMER INITIAL TRAINING CHECKLIST			
COMMAND:	TYPE AIRCRAFT(S)	DATE REPORTED	DATE DUE (90 DAYS) FROM CHECK IN DATE
<div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p><u>PUBLICATIONS</u></p> <p>REVIEW NWP 3-50.1 (CHAPTERS 1, 2, 3, 4, 5 & 7)</p> <p>REVIEW NWP 3-22.5-SAR-TAC (SECTIONS 2 AND 3)</p> <p>REVIEW OPNAVINST 3130.6B</p> <p>REVIEW UNIT SAR INSTRUCTIONS/SOP</p> <p>REVIEW APPLICABLE NATOPS (SAR SECTION)</p> <p>* _____</p> <p><u>GROUND/POOL/FLIGHT PRACTICAL TRAINING</u> (SHALL BE CURRENT OR COMPLETED)</p> <p>VERIFY GROUND TRAINING LECTURES PER OPNAVINST 3130.6B</p> <p>VERIFY WATER TRAINING REQUIREMENTS PER OPNAVINST 3130.6B</p> <p>VERIFY FOUR DAY/TWO NIGHT DEPLOYMENTS PER OPNAVINST 3130.6B</p> <p>* _____</p> <p><u>PRACTICAL SAR EXAMINATION</u> (SHALL BE CURRENT OR COMPLETED)</p> <p>FORTY QUESTION CLOSED BOOK EXAMINATION</p> <p>PERFORM SWIMMER FITNESS TEST PER OPNAVINST 3130.6B</p> <p>PERFORM MOCK TRAUMA SCENARIO</p> <p>PERFORM PRACTICAL POOL SAR EVALUATION</p> <p>* _____</p> <p><u>ADMIN REQUIREMENTS</u></p> <p>DRAFT AND ROUTE EVAL, DESIGNATION AND SPECIAL DUTY ASSIGNMENT PAY</p> <p>REVIEW NATOPS AND SERVICE RECORD PER OPNAVINST 3130.6B</p> <p>* LOCAL USE (AS APPROVED BY TYCOM SAR EVALUATOR)</p> </div> <div style="width: 30%; text-align: center; vertical-align: top;"> <p>SIGNATURE/DATE (INDIVIDUAL)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>(SAR PETTY OFFICER)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> </div> </div>			

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UTILITY AIRCREWMAN DESIGNATION WORKSHEET

<u>Qualifications</u>	<u>Date</u>	<u>Signature</u>
1. Completed Fleet Replacement Squadron or Squadron Aircrew training	_____	_____
2. Designated Rescue Swimmer	_____	_____
3. Basic First Aid and CPR Qualified	_____	_____
4. Completed, with a grade of "Qualified," the following ground training familiarization lectures and operational flights:		
a. Ground training syllabus	_____	_____
b. Utility Aircrewman Familiarizations (FAM) 1-6	_____	_____
5. Current NATOPS evaluation	_____	_____
6. Completed standardization check which includes:		
a. Closed Book Examinations	_____	_____
b. Open Book Examinations	_____	_____
c. Utility Aircrewman Check Flight	_____	_____

Remarks:

Rank, Name of Evaluator/Instructor Date Signature

Rank, Name of Unit NATOPS Instructor Date Signature

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UTILITY AIRCREWMAN/SAR MEDICAL TECHNICIAN
GROUND TRAINING SYLLABUS

1. Aircrewman candidates shall complete ground training prior to first flight.

	Signature	Date
a. Rotor System		
(1) Limitations	_____	
(2) Components	_____	
(3) Servicing	_____	
b. Flight Controls		
(1) Collective	_____	
(2) Cyclic	_____	
(3) Rudders	_____	
c. Hydraulic Systems		
(1) Primary	_____	
(2) Auxiliary	_____	
(3) Utility	_____	
(4) Limitation	_____	
(5) Servicing	_____	
d. Blade Fold System		
(1) Components	_____	
(2) Procedures		
(a) Normal	_____	
(b) Manual	_____	
e. Landing Gear System		
(1) Components	_____	
(2) Emergency Procedures	_____	

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Signature

Date

- (3) Servicing _____
- f. Landing Gear Brake System
 - (1) Components _____
- g. Engines
 - (1) Components _____
 - (2) Limitations _____
 - (3) Servicing _____
 - (4) Emergencies _____
- h. Fuel System
 - (1) Components _____
 - (2) Limitations _____
 - (3) Servicing _____
- i. Transmissions System
 - (1) Components _____
 - (2) Limitations _____
 - (3) Servicing _____
 - (4) Emergencies _____
- j. Electrical Power System
 - (1) Components _____
 - (2) Limitations _____
- k. Lighting System
 - (1) Components _____
- l. Instruments
 - (1) Components _____
 - (2) Limitations _____

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Signature

Date

m. Navigation/Communication Equipment

(1) Components

(2) Equipment Operations

n. SAR Equipment

(1) Components

(2) Limitations

(3) Procedures for Use

o. Flight Packet

(1) Components

(2) Procedures for Use

p. Local Medical Facilities

(1) Service Each Provides

(2) Landing Area

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UTILITY AIRCREWMAN/SEARCH AND RESCUE (SAR) MEDICAL TECHNICIAN
FLIGHT TRAINING SYLLABUS

Utility Aircrewman/SAR Medical Tech FAM 1

				<u>Signature/Date</u>
1. Crew-to-Crew Brief	*Q	CQ	U	_____
2. Inspect Aircraft Discrepancy Book (ADB)	Q	CQ	U	_____
3. Preflight Aircraft	Q	CQ	U	_____
4. Preflight SAR Equipment	Q	CQ	U	_____
5. Rescue Hoist/Heels Check	Q	CQ	U	_____
6. Security Check and Report	Q	CQ	U	_____
7. Ditching and Egress	Q	CQ	U	_____
8. Prelanding Check	Q	CQ	U	_____
9. Postflight Inspection	Q	CQ	U	_____
10. Crew-to-Crew Debrief	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
 Unsatisfactory _____
 Complete _____
 Incomplete _____

Instructor: _____

*Q=Qualified CQ=Conditionally Qualified U=Unqualified

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Utility Aircrewman/SAR Medical Tech FAM 2

				<u>Signature/Date</u>
1. Crew-to-Crew Brief	*Q	CQ	U	_____
2. Inspect ADB	Q	CQ	U	_____
3. Inspect Personal Gear	Q	CQ	U	_____
4. Conduct Preflight	Q	CQ	U	_____
5. Rescue Hoist/Heels Check	Q	CQ	U	_____
6. Hover Trim Check	Q	CQ	U	_____
7. Rig For Rescue	Q	CQ	U	_____
8. Visual Flight Rules (VFR) 10/10 Approach	Q	CQ	U	_____
9. Night Hover Trim Approach	Q	CQ	U	_____
10. Prelanding Check	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
 Unsatisfactory _____
 Complete _____
 Incomplete _____

Instructor: _____

*Q=Qualified CQ=Conditionally Qualified U=Unqualified

Utility Aircrewman/SAR Medical Tech FAM 3

				<u>Signature/Date</u>
1. Conduct Crew-to-Crew Brief	*Q	CQ	U	_____
2. SAR Gear Preflight	Q	CQ	U	_____
3. Rescue Hoist/Heels Check	Q	CQ	U	_____
4. Rig for Rescue	Q	CQ	U	_____
5. Swimmer Deployment	Q	CQ	U	_____
6. Operate Rescue Hoist	Q	CQ	U	_____
7. VFR Lost Integrated Communications System (ICS) During Rescue	Q	CQ	U	_____
8. Lost ICS During Rescue Instrument Flight Rules (IFR)	Q	CQ	U	_____
9. Troubleshoot Hoist Failure	Q	CQ	U	_____
10. Demonstrate Chicago Grip	Q	CQ	U	_____
11. Demonstrate Quick Splice	Q	CQ	U	_____
12. Conduct Crew Debrief	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
 Unsatisfactory _____
 Complete _____
 Incomplete _____

Instructor: _____

*Q=Qualified CQ=Conditionally Qualified U=Unqualified

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Utility Aircrewman/SAR Medical Tech FAM 4

				<u>Signature/Date</u>
1. Conduct Crew-To-Crew Brief	*Q	CQ	U	_____
2. SAR Gear Preflight	Q	CQ	U	_____
3. Main Rotor Head Check	Q	CQ	U	_____
4. Simulated Cabin Fire	Q	CQ	U	_____
5. Simulated Heater Fire	Q	CQ	U	_____
6. Rig for Rescue	Q	CQ	U	_____
7. Discuss VFR/IFR Navigation	Q	CQ	U	_____
8. Prelanding Check	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
 Unsatisfactory _____
 Complete _____
 Incomplete _____

Instructor: _____

*Q=Qualified CQ=Conditionally Qualified U=Unqualified

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Utility Aircrewman/SAR Medical Tech FAM 5

				<u>Signature/Date</u>
1. Brief FCF	*Q	CQ	U	_____
2. Preflight Engine Trim Checker Installation	Q	CQ	U	_____
3. Preflight Vibration Analysis Test Set Equipment Installation	Q	CQ	U	_____
4. Install Vibration Analysis Equipment	Q	CQ	U	_____
5. Operate Engine Trim Checker	Q	CQ	U	_____
6. Perform Topping Of Engine	Q	CQ	U	_____
7. Operate Vibration Analysis Equipment	Q	CQ	U	_____
8. Troubleshoot Vibration Analysis Problems	Q	CQ	U	_____
9. Debrief Maintenance	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
 Unsatisfactory _____
 Complete _____
 Incomplete _____

Instructor: _____

*Q=Qualified CQ=Conditionally Qualified U=Unqualified

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Utility Aircrewman/SAR Medical Tech FAM 6

(Night Event)

				<u>Signature/Date</u>
1. Conduct Crew-to-Crew Brief	Q	CQ	U	_____
2. Preflight Personal Gear	Q	CQ	U	_____
3. Demonstrate Line Safety	Q	CQ	U	_____
4. Preflight Aircraft	Q	CQ	U	_____
5. Rescue Hoist/Heels Check	Q	CQ	U	_____
6. Conduct Security Check	Q	CQ	U	_____
7. Complete Day/VFR SAR	Q	CQ	U	_____
8. Complete Night/IFR SAR	Q	CQ	U	_____
9. Complete Prelanding Check	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
Unsatisfactory _____
Complete _____
Incomplete _____

Instructor: _____

*Q=Qualified CQ=Conditionally Qualified U=Unqualified

CREW CHIEF IN-FLIGHT TRAINING SYLLABUS

Crew Chief FAM 1

				<u>Signature/Date</u>
1. Conduct Crew-to-Crew Brief	*Q	CQ	U	_____
2. Check-out Tool Pouch	Q	CQ	U	_____
3. Arm and Deploy MK-25 and MK-58 Smoke Markers	Q	CQ	U	_____
4. Day/VFR SAR	Q	CQ	U	_____
5. Lost ICS During Day VFR SAR	Q	CQ	U	_____
6. Night/IFR SAR	Q	CQ	U	_____
7. Lost ICS During Night IFR SAR	Q	CQ	U	_____
8. Lost ICS Hand Signals	Q	CQ	U	_____
9. Rig, Deploy, Recover and Stow Rescue Devices	Q	CQ	U	_____
10. Troubleshoot Rescue Hoist Malfunctions	Q	CQ	U	_____
11. Conduct SAR Jumps as Crew Chief	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
Unsatisfactory _____
Complete _____
Incomplete _____

Instructor: _____

*Q=Qualified CQ=Conditionally Qualified U=Unqualified

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Crew Chief FAM 2

				<u>Signature/Date</u>
1. Conduct Crew-To-Crew Brief	*Q	CQ	U	_____
2. Conduct Passenger Transfer	Q	CQ	U	_____
3. Conduct Cargo Transfer	Q	CQ	U	_____
4. Perform DLQ (Helo Pad Acceptable)	Q	CQ	U	_____
5. Hoist Transfer of Cargo	Q	CQ	U	_____
6. Live Hoist Transfers	Q	CQ	U	_____
7. Display Proper Use of Rescue Strap	Q	CQ	U	_____
8. Day/VFR SAR	Q	CQ	U	_____
9. Night/IFR SAR	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
Unsatisfactory _____
Complete _____
Incomplete _____

Instructor: _____

*Q=Qualified

CQ=Conditionally Qualified

U=Unqualified

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Crew Chief FAM 3

				<u>Signature/Date</u>
1. Fuel Pack Contents	*Q	CQ	U	_____
2. Take Fuel Sample	Q	CQ	U	_____
3. Display Changing of Wiggins Fuel Filters	Q	CQ	U	_____
4. Simulated HIFR (Airfield Helo Pad)	Q	CQ	U	_____
5. Conduct DLQs (Helo Pad Acceptable)	Q	CQ	U	_____
6. Hoist Transfer Of Cargo	Q	CQ	U	_____
7. Install Safety Pins	Q	CQ	U	_____
8. Day/VFR SAR	Q	CQ	U	_____
9. Night/IFR SAR	Q	CQ	U	_____
10. Hot Pump Fuel Aircraft	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
 Unsatisfactory _____
 Complete _____
 Incomplete _____

Instructor: _____

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Crew Chief FAM 4

(Night Event)

				<u>Signature/Date</u>
1. Preflight Aircraft	*Q	CQ	U	_____
2. Conduct Hover Trim Check	Q	CQ	U	_____
3. Security Check	Q	CQ	U	_____
4. Rig For Rescue	Q	CQ	U	_____
5. Smoke Marker Deployment	Q	CQ	U	_____
6. Day/VFR SAR	Q	CQ	U	_____
7. Night/IFR SAR	Q	CQ	U	_____
8. Night/IFR SAR (Lost ICS)	Q	CQ	U	_____
9. Demo Use Of All SAR Equipment	Q	CQ	U	_____
10. Rescue Hoist Troubleshooting	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
Unsatisfactory _____
Complete _____
Incomplete _____

Instructor: _____

*Q=Qualified

CQ=Conditionally Qualified

U=Unqualified

Crew Chief FAM 5

				<u>Signature/Date</u>
1. Preflight HIFR Well	*Q	CQ	U	_____
2. Conduct DLQs (Helo Pad Acceptable)	Q	CQ	U	_____
3. Conduct HIFR (Helo Pad Acceptable)	Q	CQ	U	_____
4. Hoist Transfer Of Cargo	Q	CQ	U	_____
5. Secure and Stow Cargo In Aircraft	Q	CQ	U	_____
6. Day/VFR SAR	Q	CQ	U	_____
7. Night/IFR SAR	Q	CQ	U	_____
8. Night/IFR SAR (Lost ICS)	Q	CQ	U	_____
9. Troubleshoot Jammed Hoist	Q	CQ	U	_____
10. Demonstrate Chicago Grip	Q	CQ	U	_____
11. Demonstrate Quick Splice	Q	CQ	U	_____
12. Conduct Crew Debrief	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
 Unsatisfactory _____
 Complete _____
 Incomplete _____

Instructor: _____

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Crew Chief FAM 6

				<u>Signature/Date</u>
1. Conduct Crew-To-Crew Brief	*Q	CQ	U	_____
2. Rescue Hoist/Heels Check	Q	CQ	U	_____
3. Security Check	Q	CQ	U	_____
4. Rig for Rescue	Q	CQ	U	_____
5. Day/VFR SAR	Q	CQ	U	_____
6. Night/IFR SAR	Q	CQ	U	_____
7. Hoist Emergencies	Q	CQ	U	_____
8. Conduct DLQs	Q	CQ	U	_____
9. Debrief Flight	Q	CQ	U	_____

Overall Evaluation

Remarks:

Satisfactory _____
Unsatisfactory _____
Complete _____
Incomplete _____

Instructor: _____

*Q=Qualified

CQ=Conditionally Qualified

U=Unqualified