

TACTICAL FACILITY TRAINING PROGRAM (FTP)
AN/TSQ-198 TACTICAL TERMINAL CONTROL SYSTEM

For use of this form, see FM 3-04.303 the proponent agency is TRADOC.

1. NAME	2. RANK	
3. OPERATING INITIALS	4. ATCS NUMBER	
5. SECURITY CLEARANCE	6. FLIGHT PHYSICAL DUE	7. DATE ASSIGNED TO UNIT
8. TRAINING START DATE	9. PHASE I COMPLETE	10. PHASE 2 COMPLETE

11. This is a standardized tactical qualification and rating checklist that will be used to follow the progress of a controller through the training program. All applicable items shall be entered in sections III and IV of DA Form 3479-R.

12. REFERENCES:

- Applicable SOP's
- Appropriate Equipment TM's
- AR 40-8/AR 40-501/AR 95-2
- ARTEP 1-425-MTP
- FAAO 7110.65
- FAAO 8200.1
- FAAO 8260.3
- Flips, Charts and IFR/VFR Supplements
- FM 1-120 (3-04.120)
- FM 3-04.303
- FM 3-52
- FTM

13. The training program consists of two phases: Phase 1 - Qualification, and Phase 2 - Position Training and Rating.

a. Phase 1 consists of individual and team training on the installation, operation and maintenance of all ATS equipment assigned to the Tactical Terminal Control System (*TTCS*). The training program is designed to ensure Phase 1 training is completed within 3 months (*Army National Guard 2 AT's*) of being assigned to the training program. However, as soon as a controller demonstrates proficiency in all applicable areas, phase completion may be achieved at an earlier date.

b. Phase 2 is dependent upon actual mission and the controller's ability to control "LIVE" traffic in a tactical environment. Phase 2 has no set time limit.

14. REMEDIAL TRAINING: Upon completion of phase training or rating, should an individual fail to maintain the required proficiency level, he/she will be placed on Remedial Training. If unable to successfully complete the Remedial Training in time allowed, reclassification actions will be taken.

15. CONTROLLER'S SIGNATURE	16. TACT CHIEF'S SIGNATURE
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PHASE 1 - QUALIFICATION

TRAINING STARTED DATE		PHASE 1 RECOMMENDED COMPLETION DATE	
TASK		RECOMMENDED COMPLETION DATE	DATE COMPLETED
1.	Intro to AN/TSQ-198		
2.	FTM Chapter 1		
3.	Operate/PMCS Primary Mover		
4.	Operate/PMCS primary power system		
5.	Install/Operate/PMCS AN/TSQ-198		
6.	SINGARS Operations		
7.	Intro to HAVE QUICK II		
8.	AN/VRC-83 (v) Controls and Indicators		
9.	Single Frequency Operations		
10.	Single Word of Day Operations (<i>SWOD</i>)		
11.	Multiple Word of Day Operations (<i>MWOD</i>)		
12.	MWOD Erase/Freq Management Training		
13.	Program/Operate HF (<i>Normal and ALE</i>)		
14.	Intro to Radio Set Controls (<i>RSC</i>)		
15.	Intro to RSC Menu's		
16.	Program System from RSC		
17.	Remote RSC		
18.	Remote/Install VHF-UHF-AM Ant Group		
19.	Remote/Install VFH-FM Antenna Group		
20.	Remote/Install HF NVIX Antenna		
21.	Prepare AN/TSQ-198 for Operation		
22.	Install Surface Wire Grounding System		
23.	Intro to AN/VRC-83 V3 Radio		
24.	Operator Controls and indicators		
25.	Radio Setup		
26.	Single Channel Programming		

PHASE 1 - QUALIFICATION (Continued)

TRAINING STARTED DATE		PHASE 1 RECOMMENDED COMPLETION DATE	
TASK		RECOMMENDED COMPLETION DATE	DATE COMPLETED
27.	Manual Channel Programming		
28.	Program Frequency for SIMPLEX/HALF DUPLEX Operations		
29.	SINGGAR ECCM Operations		
30.	Utilize Frequency Scan Capabilities		
31.	Perform Radio Checks		
32.	AN/TSQ-198 Emergency Shutdown		
33.	AN/TSQ-198 Alternate Power Sources		
34.	Install/Operate/PMCS Meteorological Measuring System (MMS)		
35.	Prepare AN/TSQ-198 for Deployment		
36.	Install/Operate/PMCS AN/TRN-30 (v) 1 Beacon (Remarks: 15' and 30' Modes)		
37.	Operate COMSEC Equipment		
38.	Operate GPS		
39.	Operate/Maintain NVD		
40.	Determine Landing Direction		
41.	Emplacement of Landing "Y"/NATO "T"		
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PHASE 2 - POSITION TRAINING AND RATING

TRAINING STARTED DATE		PHASE 2 RECOMMENDED COMPLETION DATE	
TASK		RECOMMENDED COMPLETION DATE	DATE COMPLETED
1.	Phase 2 Initial Weather Certification (<i>USAF</i>)		
2.	Intro to Development of TAPS for NDB		
3.	FTM Chapters 2-4		
4.	FAAO 7110.65 Chapters 2-4		
5.	AR 95-2 Chapters 2-5 and Current AIG Messages		
6.	AR 40-8 and AR 40-501 Chapter 6		
7.	Recognize and Implement ECM and ECCM		
8.	Perform Assumption of Duty Requirements		
9.	Flips, Charts, VFR and IFR Supplements		
10.	Flight Data Procedures		
11.	FTM Chapters 5-8		
12.	A ² C ² (<i>Facility and Mission Specific</i>)		
13.	FTM Chapters 9-12		
14.	FM 3-04.303 Chapters 1 - 3		
15.	FM 3-04.303 Chapters 4, 5, 7		
16.	Flight Data Position Qualification		
17.	Ground Control Procedures		
18.	FAAO 7110.65 Chapters 7 and 10		
19.	Helicopter Landing Zone (<i>HLZ</i>) Operations		
20.	Light Gun Signals		
21.	Provide Emergency Assistance		
22.	Ground Control Position Qualification		
23.	Local Control Procedures		
24.	Provide Traffic Advisories		
25.	Flight Following Procedures		
26.	Local Control Position Qualification		

PHASE 2 - POSITION TRAINING AND RATING *(Continued)*

TRAINING STARTED DATE	PHASE 2 RECOMMENDED COMPLETION DATE
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TASK		RECOMMENDED COMPLETION DATE	DATE COMPLETED
27.	Pre-ATCS Exam		
28.	FTM Chapter 13		
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NOTE 1: Those items listed above which do not apply to your unit do not need to be completed. However, as they become relevant, they shall be entered into Section III of DA Form 3479-R.

NOTE 2: The ATCS Examination is required, but it is not annotated in section III as trained.

PHASE 1 - SECTION IV ENTRIES

TEST		RECOMMENDED COMPLETION DATE	DATE COMPLETED
1.	FTM Chapter 1		
2.	Operate/PMCS primary mover		
3.	Operate/PMCS <i>(primary power system)</i>		
4.	Install/Operate/PMCS AN/TSQ-198 <i>(Includes all equipment training, local and remote, MMS and Sighting Requirements)</i>		
5.	Prepare AN/TSQ-198 for Deployment		
6.	Install/Operate/PMCS AN/TRN-30 (v) 1 Beacon <i>(Remarks: 15' and 30' Modes)</i>		
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PHASE 2 - SECTION IV ENTRIES

	TEST	RECOMMENDED COMPLETION DATE	DATE COMPLETED
1.	Initial Weather Certification <i>(USAF)</i>		
2.	HLZ Operations <i>(Includes Landing Direction and Emplacement of Landing "Y" /NATO "T")</i>		
3.	Development of TAPS for NDB		
4.	FTM Chapters 2-4		
5.	FAAO 7110.65 Chapters 2-4		
6.	AR 95-2 Chapters 2-5		
7.	AR 40-8 and AR 40-501		
8.	Flips, Charts, VFR and IFR Supplements		
9.	FTM Chapters 5-8		
10.	FTM Chapters 9 and 12		
11.	FM 3-04.303 Chapters 1-3		
12.	FM 3-04.303 Chapters 4, 5, and 7		
13.	Flight Data Position Qualification		
14.	FAAO 7110.65 Chapters 7 and 10		
15.	Ground Control Position Qualification		
16.	Local Control Position Qualification		
17.	A ² C ² <i>(Facility and Mission Specific)</i>		
18.	Pre-ATCS Exam		
19.	ATCS Exam		
20.	FTM Chapter 13		
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ADDITIONAL ENTRIES

	TEST/TASK	RECOMMENDED COMPLETION DATE	DATE COMPLETED
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NOTE 1: Those items listed above which do not apply to your unit do not need to be completed. However, as they become relevant, they shall be entered in Section III of DA Form 3479-R.

NOTE 2: Example comments required in Remarks column:

a. Type test given: test without remarks shall be understood as written.

(1) Written, (2) Oral, (3) Practical.

b. Agency administering exam:

(1) Motor Sergeant/Master Driver (*Vehicle Licensing*), (2) USAF (*Weather Exam*)