



UNITED STATES COAST GUARD VIRTUAL
U.S. DEPARTMENT OF HOMELAND SECURITY

United States Coast Guard Virtual

CGP46 – Basic Training Manual

Foreword

Basic Training signals the very beginning of a pilot's career within an airline or organisation, virtual or not. This document aims to outline the best start to a career that we can deliver, that will set our pilots up with flying and airmanship skills that will provide invaluable for their career tomorrow.

To the pilot: I personally wish you the very best of luck with your career at USCG Virtual, I'm sure it will be a great one. Remember, even the Admiral started here!

D Moody

Rear Admiral (Lower Half) D Moody

Training Notes

- All Training to be conducted with the Cessna 208B **OR** the Daher TBM-930. This is at the instructor's discretion.
- All training to be completed with an instructor of rank Lieutenant or higher.
- All training flights to be logged on VAM, with the mission quoted as "BASIC1" (number appropriate to mission).
- Pilot **MUST** be entered onto VAM **BEFORE** beginning training.

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Criteria

Scoring Sheet

Mission 1 – Acquaintance

Location: KAXP (Twentyninepalms)

Airframe: C208/TBM-930

Est. completion time: 0:20

MISSION BRIEFING

Pilot to begin flight with instructor at Twentyninepalms. All UNICOM must be used, pilot is to taxi to active runway and complete **three** touch-and-goes.

Instructor to ensure completed to satisfactory standard.

Mission 2 – Planning

Location: KNXP (Twentyninepalms)

Airframe: C208/TBM-930

Est. completion time: 1:00 (inc. planning time)

MISSION BRIEFING

Pilot to complete planning sheet (available under #documents). Flight originating KNXP, arriving KPSP. Route is at pilot's discretion but FPL must be filed.

Pilot to fly route as planned, all UNICOM must be used.

Instructor to ensure planning sheet completed fully and FPL is filed.

Mission 3 – Navigation

Location: KPSP (Palm Springs)

Airframe: C208/TBM-930

Est. completion time: 1:30

MISSION BRIEFING

Pilot to plan route from KPSP to L35 (Big Bear) and back to KNXP with www.plotaroute.com/routeplanner.

Pilot to fly route as planned VFR, no aircraft nav aids permitted, all UNICOM must be used.

Instructor to ensure no FPL is filed, and that prior map planning is completed.

Mission 4 – Flying Skills

Location: KAXP (Twentyninepalms)

Airframe: C208/TBM-930

Est. completion time: 1:30

MISSION BRIEFING

Pilot to plan route to the north tip of the Salton Sea, to fly North-South over the lake at 100ft AGL. On completion, they are to return over the Joshua Tree National Park, at no more than 500ft AGL to avoid radar contact. During this leg, the pilot must perform evasive manoeuvres, with the instructor acting as an enemy aircraft. Landing as usual at KAXP. All UNICOM to be used.

Instructor to ensure altitude is ≤ 100 ft AGL for flyover and ≤ 500 ft AGL for return to station.

Instructor to act as enemy for final leg, put pilot in aggressive position to perform evasive manoeuvres.

Mission 5 – Revision

Location: KNXF (Twentyninepalms)

Airframe: C208/TBM-930

Est. completion time: __:__

MISSION BRIEFING

For this sortie, the pilot is free to revise their flying, navigational, or planning skills for their final assessment as they wish so long as they spend at least 30 minutes doing so. The instructor is to ensure that the pilot practises some aspect of flying training. **This sortie may be waived for exceptional performers.**

Final Assessment

Location: KNXP (Twentyninepalms)

Airframe: C208/TBM-930

Est. completion time: 0:45

INSTRUCTOR NOTES

Assessment is mainly at the instructor's discretion, so long as **ALL** the criteria mentioned in the table overleaf is assessed. Flight origin and destination must be KNXP.

Assessment Sheet

Manoeuvre No.	Manoeuvre	Mark /10
1	Planning with planning sheet	
2	Use of UNICOM	
3	Taxi and takeoff	
4	Low flying (<100ft AGL)	
5	Evasive manoeuvres	
6	Approach	
7	Landing	
8	General deportment (politeness, willingness to learn etc)	
9	Effort during training	
10	Deductions (negative number)	
-	-	-
TOTAL SCORE / 90		
PASS / FAIL		
Score must be over 72 (80%) to pass		

On successful completion of basic training, the pilot is to be re-graded as Airman (AN) and posted to their respective Wing to await type-rating training.

Pilots who fail may re-take assessment after 3 days.