



DEPARTMENT OF THE NAVY
COMMANDER
TRAINING AIR WING FIVE
7480 USS ENTERPRISE STREET SUITE 205
MILTON, FLORIDA 32570-6017

IN REPLY REFER TO

COMTRAWINGFIVEINST 1531.2E
N3
10 Dec 12

COMTRAWING FIVE INSTRUCTION 1531.2E

From: Commander, Training Air Wing FIVE

Subj: ORIENTATION FLIGHT PROCEDURES IN TRAWING FIVE AIRCRAFT

Ref: (a) OPNAVINST 3710.7U
(b) CNATRAINST 3710.2U
(c) COMTRAWINGFIVEINST 3500.1B

Encl: (1) Clearance for Non-military/Non-aircrew Personnel
OPNAV 3710/18
(2) Sample Orientation Flight Request to CTW-5
(3) Sample Orientation Flight Request to CNATRA
(4) Sample NASTP Currency Waiver Request
(5) T-6 Orientation Flight Profile
(6) TH-57 Orientation Flight Profile

1. Purpose. To promulgate standardized procedures and requirements for conducting orientation flights in Training Air Wing (TRAWING) FIVE aircraft in conjunction with references (a), (b), and (c). Enclosures (1) through (5) are provided for additional guidance.

2. Cancellation. COMTRAWINGFIVEINST 1531.2D

3. Background. Orientation Flights are typically one-time events for participants in TRAWING FIVE aircraft on a not-to-interfere with training or operations basis.

4. Discussion. Reference (a) lists categories of eligible participants for orientation flights.

5. Action. Commanding Officers shall ensure their highest qualified flight instructors are selected to conduct orientation flights and shall implement policy in compliance with the content of this instruction to ensure safety of flight and standardized procedures. Additionally, Commanding Officers shall thoroughly screen all requests for orientation flights before submittal to the Commander, Training Air Wing FIVE (CTW-5).

6. Medical Screening. All non-military and non-aircrew personnel are required to obtain an aeromedical screening by a Flight Surgeon per reference (a) using the form included in enclosure (1) prior to requesting authorization for an orientation flight.

7. Prerequisite Training. Appropriate Naval Aviation Survival Training Program (NASTP) requirements shall be completed for all orientation flights per reference (a). The T-6 requires Class 1 training for ejection seat aircraft per reference (a); however, USAF physiology training in similar aircraft is accepted per reference (b). Approval from the Chief of Naval Air Training (CNATRA) is required for the T-6 per reference (b). Waiver requests are included in the request for orientation flight letter, see enclosure (2). If NASTP has been waived, overwater flight and flights above 10,000 feet are prohibited.

8. Orientation Flight Approval Authority. CTW-5 is the approval authority for all orientation flights listed in reference (a) except those involving civilians, who are not affiliated with the government, and public affairs flights involving news/media personnel which require approval from CNATRA per reference (b).

9. Orientation Flight Requests. Orientation flight requests can be initiated by anyone within an organization. However, all requests shall be via the Commanding Officer of the requesting unit. All requests shall be sent to CTW-5 for consideration and CTW-5 shall seek CNATRA approval if necessary. Requests shall possess detailed information regarding the flight's nature and purpose, the date and time, the individual's name/rank/official title, branch of service or civilian as appropriate, medical screening status if required, NASTP requirements or waiver requests, and a valid point of contact for coordination. Sample letters requesting orientation flights from CTW-5 and CNATRA are included as enclosures (2), (3), and (4).

10. Flight Standardization

a. Authorized Pilots. T-6 Instructor Pilots shall be current Day Contact (DCON) to conduct familiarization and aerobatics training for orientation flights. If aerobatics are not going to be conducted, CTW-5 may waive the DCON restriction. Any TH-57 Instructor Pilot is authorized to conduct orientation flights in the TH-57; however, Familiarization Pilots Contact/Tactics B shall be selected if low-work is to be performed by orientation participants.

b. ORM/NATOPS Brief. The participant shall be briefed by the Instructor Pilot using reference (c) and the appropriate NATOPS pocket checklist for the aircraft being used.

c. Egress Training. Prior to flight, T-6 participants at Naval Air Station, Whiting Field (NASWF) shall receive emergency egress training conducted under the supervision of the TRAWING FIVE Aeromedical Safety Officer at the Emergency Egress Training Device, Bldg. 2994, when available. When unavailable, or for T-6 orientation flights away from NASWF, egress training shall be conducted by a designated NATOPS Instructor Pilot on the aircraft ramp. Prior to flight, all TH-57 participants shall receive egress training, by the

Aircraft Commander, consisting of a demonstration on how to disconnect their harness and communication cord, and showing the placement and operation of the Emergency Door Release handles.

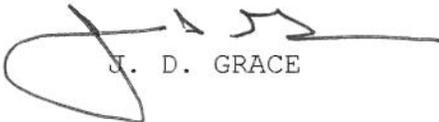
d. Flight Conduct. All orientation flights shall be conducted during daylight hours with weather minimums equal to or better than VFR (1000-3). All orientation flights shall be conducted within the local flying area. T-6 participants shall occupy the rear cockpit only, unless otherwise approved by CTW-5.

e. Authorized Maneuvers. Maneuvers other than those outlined in enclosures (5) and (6) shall not be conducted without CTW-5 approval. Maneuvers outlined shall be conducted in accordance with current applicable aircraft NATOPS, Flight Training Instruction (FTI), and local operating procedures manuals. Flight profiles may be modified by CTW-5 as deemed appropriate based on previous flight experience. Requests for profile modifications shall be included in the orientation flight request letter, enclosure (2).

11. Administration. All orientation flights will be identified by squadron call-sign and side number. Training codes for Electronic Flight Record (EFLIR) purposes shall be "1G1." The participant's name need not be entered into the Training Intergrated Management System (TIMS) for the flight. For daily reporting and Navy Outlying Field (NOLF) tracking purposes, the following codes shall be used:

Table 2. Orientation Flight Documentation

Group	Type of Flight	NOLF Codes	Daily Report
Midshipmen	Orientation Flight-1	OF-1	52 Non-Pipeline
VIP/Other	Orientation Flight-2	OF-2	65 Support


J. D. GRACE

Distribution:
COMTRAWINGFIVEINST 5216.1S
Lists I(a,b), II, III(a,g,h)

TO THE EXAMINING PHYSICIAN

This person is seeking clearance to fly military aircraft as a nonaircrew observer. He or she will be required to complete aviation physiology and water survival training. These training programs are designed as High Risk Training (described on the front of this form) and require a high degree of physical and psychological stamina. Completion of these training programs may lead to actual flight in high performance ejection seat aircraft capable of sustained high g-force maneuvering. The purpose of this evaluation is to clear this individual for the required training as well as actual flight.

Please Complete and Elaborate on all Abnormal Findings and Positive Responses

Height _____ Weight _____ Temp _____ Pulse _____ Resp _____ B/P _____
 Corrected Visual Acuity: Right _____ Left _____ Hearing (Normal/Abnormal) _____
 HGB or HCT _____ Urinalysis: Glucose _____ Protein _____ Ketone _____ Sp Gravity _____
 EKG (within last 12 months) _____ Chest XRAY (within last 3 years) _____

NI	ABN		Elaboration and Comments
<input type="checkbox"/>	<input type="checkbox"/>	HEFNT (include Eustachian tube patency)	_____
<input type="checkbox"/>	<input type="checkbox"/>	Heart and Vascular	_____
<input type="checkbox"/>	<input type="checkbox"/>	Chest and Lungs	_____
<input type="checkbox"/>	<input type="checkbox"/>	Abdomen, Genitalia, and Hernia	_____
<input type="checkbox"/>	<input type="checkbox"/>	Spine, Extremities, and Musculoskeletal	_____
<input type="checkbox"/>	<input type="checkbox"/>	Neurological	_____
<input type="checkbox"/>	<input type="checkbox"/>	Mental Status	_____

I find no contraindication to this person's participation in required aviation physiology and water survival training as well as actual flight in high performance military aircraft.

Phone# _____

Examining Physician's Signature _____ Date _____

Flight Surgeon's Endorsement: Type Aircraft _____ Qualification PQ NPO
 For physiology and water survival training, and flight in military aircraft as a selected passenger.

Signature _____ Date _____
 (Note: Scope of examination at the discretion of the Flight Surgeon)

Physiology Training: Curriculum _____ Qualification Q CQ UQ

Authorized Signature _____ Date _____

Water Survival Training: Curriculum _____ Qualification Q CQ UQ

Authorized Signature _____ Date _____

Commanding Officer's Endorsement: Type Aircraft _____ Approved Disapproved

Signature _____ Date _____

TO THE EXAMINING PHYSICIAN

This person is seeking clearance to fly military aircraft as a nonaircrew observer. He or she will be required to complete aviation physiology and water survival training. These training programs are designed as High Risk Training (described on the front of this form) and require a high degree of physical and psychological stamina. Completion of these training programs may lead to actual flight in high performance ejection seat aircraft capable of sustained high g-force maneuvering. The purpose of this evaluation is to clear this individual for the required training as well as actual flight.

Please Complete and Elaborate on all Abnormal Findings and Positive Responses

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 Corrected Visual Acuity: Right _____ Left _____ Hearing (Normal/Abnormal) _____
 HGB or HCT _____ Urinalysis: Glucose _____ Protein _____ Ketone _____ Sp Gravity _____
 EKG (within last 12 months) _____ Chest XRAY (within last 3 years) _____

NL	ABN		Elaboration and Comments
<input type="checkbox"/>	<input type="checkbox"/>	HEENT (include Eustachian tube patency)	_____
<input type="checkbox"/>	<input type="checkbox"/>	Heart and Vascular	_____
<input type="checkbox"/>	<input type="checkbox"/>	Chest and Lungs	_____
<input type="checkbox"/>	<input type="checkbox"/>	Abdomen, Genitalia, and Hernia	_____
<input type="checkbox"/>	<input type="checkbox"/>	Spine, Extremities, and Musculoskeletal	_____
<input type="checkbox"/>	<input type="checkbox"/>	Neurological	_____
<input type="checkbox"/>	<input type="checkbox"/>	Mental Status	_____

I find no contraindication to this person's participation in required aviation physiology and water survival training as well as actual flight in high performance military aircraft.

Phone# _____

Examining Physician's Signature _____ Date _____

Flight Surgeon's Endorsement: Type Aircraft _____ Qualification PQ NPO
 For physiology and water survival training, and flight in military aircraft as a selected passenger.

Signature _____ Date _____
 (Note: Scope of examination at the discretion of the Flight Surgeon)

Physiology Training: Curriculum _____ Qualification Q CQ UQ

Authorized Signature _____ Date _____

Water Survival Training: Curriculum _____ Qualification Q CQ UQ

Authorized Signature _____ Date _____

Commanding Officer's Endorsement: Type Aircraft _____ Approved Disapproved

Signature _____ Date _____

SAMPLE ORIENTATION FLIGHTS REQUEST TO CTW-53711
Ser N3/

From: Originator and Command Title per SECNAVINST 5216.5D
To: Commander, Training Air Wing FIVE
Via: Commanding Officer and Command Title per SECNAVINST 5216.5D
(if originated by the Commanding Officer not required)

Subj: ORIENTATION FLIGHT AND WAIVER (if required) REQUEST FOR
T-6/TH-57 (choose one) AIRCRAFT

Ref: (a) OPNAVINST 3710.7 Series
(b) CNATRAININST 3710.2 Series
(c) COMTRAWINGFIVEINST 1531.2 Series

1. Per references (a), (b), and (c), request permission for an orientation flight for Colonel Chuck Sanders USMC, on or about day/month/year. Colonel Sanders is the guest speaker at the Winging on day/month.

2. Colonel Sanders is currently a medically qualified aviator with CH-53 experience. **Or:** Colonel Sanders is an infantryman and has completed the aeromedical assessment required per references (a) and (c), using enclosure (1), and is qualified to fly onboard Naval Aircraft as a crewmember. Colonel Sanders is current in NASTP requirements (aircraft dependent R1/RP1 ejection seat required for T-6 per reference (a)) and does not require a waiver. **Or:** General Lee requires a waiver of NASTP requirements per reference (a). (T-6/TH-57 requires CNATRA approval with CTW-5 endorsement).

3. All required safety briefs and training shall be completed in accordance with references (a) and (c) prior to the flight.

4. The point of contact for this flight is Maj Honored at DSN 868-7149.

Very respectfully,

I. M. HONORED
MAJ USMC

Enclosure (2)

SAMPLE ORIENTATION FLIGHT REQUEST TO CNATRA

3711
Ser N3/

From: Commander, Training Air Wing FIVE
To: Chief of Naval Air Training

Subj: ORIENTATION FLIGHT AND WAIVER AUTHORIZATION REQUEST

Ref: (a) OPNAVINST 3710.7 Series
(b) CNATRAINST 3710.2 Series

1. Per references (a) and (b) request a one-time orientation flight authorization for Ms. Lois Lane, (Civilian). Ms. Lane is a journalist with the New York Times desiring to write an article about the T-6 Texan.
2. Ms. Lane has completed the aeromedical screening per reference (a) and is medically cleared to fly. Appropriate NASTP training will be completed and documented per reference (a). **Or:** Ms. Lane will require a Waiver for NASTP requirements due to scheduling non-availability. The flight shall remain overland and not go above 10,000 feet per reference (b).
3. The flight will take place on or about day/month/year, if approved, and will not interfere with normal flight training schedules.
4. All required safety briefs and training will be completed per references (a) and (b) prior to flight.

J. S. WALSH

Copy to:
Applicable Parties

Enclosure (3)

SAMPLE NASTP CURRENCY WAIVER REQUEST

3711
Ser N3/

From: Commander, Training Air Wing FIVE
To: Chief of Naval Air Training
Subj: NASTP CURRENCY WAIVER REQUEST
Ref: (a) OPNAVINST 3710.7U
(b) CNATRAINST 3710.2U

1. Per references (a) and (b), request waiver of Naval Aviation Survival Training Program (NASTP) training requirements for Rear Admiral Douglas J. Asbjornsen, USN.
2. RDML Asbjornsen, Reserve Deputy Commander, is a qualified Naval Flight Officer; however, his NASTP training qualifications have expired.
3. RDML Asbjornsen will be visiting Training Air Wing FIVE on 15 Jul 2011. His agenda for that day will include a TH-57B Orientation Flight in the morning followed by a Reserve Component Officer's Call in the afternoon.
4. If this waiver is approved, my intent is to approve an orientation flight for RDML Asbjornsen and mandate that the flight be conducted in a TH-57B aircraft such that the flight will remain over land at all times; east of the Escambia River; operating to, from, and at a Helicopter Outlying Field.

J. L. VANDIVER

T-6 ORIENTATION FLIGHT PROFILE
(IP IN FRONT SEAT)

1. Authorized Maneuvers

a. Demonstrated by instructor:

Takeoff
Aileron Roll
Wingover
Loop
Barrel Roll
Break
Approach Pattern
Touch-and-go
Landing
Inverted Flight
Split-S
Immelmann
Cuban 8
Clover Leaf

b. Participation (participant in back seat actively on controls):

Straight and Level
Climbs and Descents
Constant Angle of Bank Turns
Aileron Roll
Wingover
Loop
Barrel Roll

2. Prohibited Maneuvers:

Overwater Flights if NASTP Waived
Simulated Emergencies
Formation Flight
Any Aerobatic Maneuver not listed above
Spins, stalls, and OCF
Flights over 10,000 feet if NASTP Waived

TH-57 ORIENTATION FLIGHT PROFILE

1. Authorized Maneuvers

a. Demonstrated by Instructor:

Low-work
Transition to Forward Flight
Vertical Takeoffs and Landings
Quick Stop
Approach Pattern

b. Participation (participants actively on controls):

Low-work
Takeoffs and Landings
Straight and Level
Climbs and Descents
Turns

2. Unauthorized Maneuvers

Simulated Emergencies
Formation Flights*
Overwater Flights if NASTP Waived

* Generally not authorized; however, in the case of VIPs requiring a flying backup, formation flight is allowed with CTW-5 approval.