

Civil Air Patrol



Lunch & Learn Webinar: Flight Release Overview

ONE CIVIL AIR PATROL, EXCELLING IN SERVICE TO OUR NATION AND OUR MEMBERS!



Presenter



Ron Olienyk
Dep Dir of Operations
National Headquarters



John "Moose" Desmarais
Director of Operations
National Headquarters



Rules of Engagement

- **Members in the field will be in listen only mode. We have several hundred members signed up, so having everyone with an open microphone is not supportable.**
- **We will try to answer questions throughout the webinar though. Just type your questions, and we will either answer you directly via text or provide a voice answer to your question.**
- **The webinar itself, questions, and chat log are being recorded, so please remain respectful.**
- **Time is limited...focus on the topic 😊**



Agenda

- Operational Risk Management
- Flight Release Process Changes
 - Responsibilities
- FRO levels
- Reports



Operational Risk Management

- Enhanced Pre-flight ORM
- Based on AF Model
- Automated in WMIRS
- “Points” Assessed Based on Relative Risk
- Total Points Dictate Flight Release Level



Updated Sortie ORM

- Updated and new areas in up to four levels of approval plus firm No Go decision points when necessary:
 - Low
 - Moderate
 - High
 - Extreme

Example: Icing (Forecast or Reported)

None (0 pts)	Possible Within 2,000' (1 pt)	Very Possible Within 1,000' (2 pts)	Probable Within 500' (3pts)	No Go At flight altitude No Waivers Authorized
------------------------	--	--	--	--



Operational Risk Management

Example

Airfield(s) Familiarity (Planned Departure and Landings including touch and goes)

- Familiar - Have taken off, landed and taxied at all airports in the sortie planned at least once in the last year**
- Unfamiliar - Have not taken off, landed, and taxied at all airports in the sortie planned in the last year**

Time of Day

- Day
- Civil Twilight**
- Night (IFR Rated Pilot)
- Night (VFR Rated Pilot)

Thunderstorms (Forecast or Reported)

- None
- Few/Isolated; 25% or less
- Widely Scattered/Scattered; > 25% <= 60%
- Widespread; > 60%**

Turbulence (Forecast or Reported)

- Calm**
- Light
- Moderate (ex. AIRMET Tango)
- No Go - Forecast or Reported Severe or Extreme - No Waivers Authorized

Temperature (F) [C to F Conversion](#) (Clicking this link will open up a new tab that you can then use to convert your Celsius temperatures to Fahrenheit. You will then need to close that tab, come back to the ORM worksheet and insert the fahrenheit temperature into the textbox)

Dew Point Temperature (F)

Wind (Knots)



Updated Flight Release Process

Air Sortie Add/Edit

eServices | Sign Out | Ronald D. Olienyk

- About
 - Getting Started
 - Automatic Permissions
 - Video Tutorials
 - CAP Helpdesk
- WMIRS 1.0 Links
- Command
 - Enter New Mission
 - Current Missions
 - Enter Chaplain Mission
 - Channel Plan
 - Mission Facilities
 - Unit Log
 - Comm Log
 - Status Board
- Operations
- Planning
- Logistics
- Finance & Admin
- Support
- Logs
- Wing Commanders
- Headquarters

Home > Mission Info > Operations > Air Sortie List > Air Sortie

AIR SORTIE UPDATE

11/9/2017 10:02:58 PM olienykrd / 11/15/2017 4:23:19 PM olienykrd
Session:

Mission No. / Symbol
18-C-3003 / C99

Sortie No.
A0008

Mission Name:

Tracking No.

*Sortie Type
Other

*Sortie Date (Z)
09 Nov 2017

*Dep. Airport
KXFM

*ETD (Z)
14 : 00

*Dest. Airport
KXFM

*ETA (Z)
17 : 00

*Tail No.
N157CP

*A/C Type
C182/G1000

Call Sign
CAP4657

TAS (Knots)
120

Color/Description
R/W/B

*Corp/Member A/C
Corp

Fuel (In Hours)
3.00

Home Base
KSFF

Equipment on Board

Permanent

- Transponder
- VOR
- DME
- Tactical Repeater Connection
- Becker DF
- L-Tronics
- Autopilot
- GPS G1000
- CAP FM Radio

Removable

- Tactical Repeater
- Survival Kit
- Life Rafts & Vests
- Digital Camera
- ADIS
- Satellite Phone
- ARCHER Airborne System
- ARCHER Ground Station
- Other

Update Reset Sortie

Brief Sortie Debrief Sortie

ORM HIGH

Form 104

[Copy Sortie](#)

Cancel Sortie

Delete Sortie



Updated Flight Release Process

Mission Number 18-C-3003
 Current Selected Time Zone [UTC \(Zulu\)](#)

[Add Sortie](#) [Approve Sorties](#)

Sortie Date

	Sortie	Sortie Day	Sortie Type	Mission Symbol	Tail No.	A/C Type	Call Sign	Pilot	Tracking No	Departure Location	Destination	Est. Departure	Est. Arrival	Hours	Fuel/Oil
Edit Release Brief Debrief	A0007	11/09/17	OTHER	C99	N130CP	C206/G1000	SPAD30			KXFM	KXFM	02:00	05:00	0.0	
Edit Release Brief Debrief	A0008	11/09/17	OTHER	C99	N157CP	C182/G1000	CAP4657			KXFM	KXFM	14:00	17:00	0.0	



Updated Flight Release Process

▼ **WIKIS 1.0 LINKS**

- ▶ Command
- ▶ Operations
- ▶ Planning
- ▶ Logistics
- ▶ Finance & Admin
- ▼ Support
 - Request/Close Out RON
 - Misc. Expenses
 - Unit Log
 - Time Zone
 - Reports
 - Maintenance Module
 - Scheduling Module
 - Unread Critical Items
 - Read Critical Items
 - Personal ORM Notifications
- ▶ Logs
- ▶ Wing
- ▶ Commanders
- ▶ Headquarters
- ▶ CAP-USAF
- ▶ Customer
- ▶ Admin
- Symbols

* - Required Field

Mission Number Sortie Number
18-C-3003 A0008

Release Information

This flight requires FRO approval for release.

Flight Release Officer Approval
Pending Approval

Pilot Information

Pilot	Unit	Phone	E-Mail
Type	Details		
Aircraft	C206, C182, C172, GA8		
CAP Pilot Exp	VFR Pilot - 30 Jun 2018 VFR Pilot - G1000 - 30 Jun 2018		
Other Qualifications	CAP Observer Rating - Does not expire Instrument Pilot - 30 Jun 2018 Instrument Pilot - G1000 - 30 Jun 2018 Mission Check Pilot - 30 Jun 2018 Mission Check Pilot - G1000 - 30 Jun 2018 Mission Check Pilot Examiner - 30 Jun 2018 Orientation Pilot - AFROTC - 30 Jun 2018 Orientation Pilot - Airplane - 30 Jun 2018 Pilot Rating - Does not expire VFR Pilot - 30 Jun 2018 VFR Pilot - G1000 - 30 Jun 2018		
ES	MP - 30 Jun 2018 TMP - 30 Jun 2018		

ORM

Score: **22 (High)**

[Click here to update ORM](#)

NOTE: Paper ORMs can be entered in on the FRO Checklist.

Copy ORM to each sortie below

FRO Checklist

Status: Not Complete

[Click here to complete FRO Checklist.](#)

NOTE: FRO Checklist has to be submitted before the flight can be released.



Updated Flight Release Process

- Risk Management “discussion” with PIC
- Flight Release Level Based on Mission “Score”
 - Individual Items Could Trigger Higher FRO
 - FRO
 - Senior FRO (Instrument Rated Pilot)
 - Wing / Region CC / CV / DO
 - CAP/DO and Designees
 - Can Be Elevated at FRO Discretion
- FRO Walks Through Checklist With Pilot
 - Some Answers Automated (currency, quals, etc)
 - Other ORM Questions Discussed
 - FRO Documents Answers/Release Electronically



Updated Flight Release Process

FRO Checklist

FRO Checklist

Aircraft Information

What aircraft (N number) is the pilot intending to fly?	N740CP
What type of aircraft is this?	C182/G1000
Are there any maintenance discrepancies for this aircraft?	Yes
Is the pilot aware of the discrepancies, if there are any? If not, review them with the pilot. In either case, do you confirm that the pilot can fly with these discrepancies.	<input type="radio"/> Yes <input checked="" type="radio"/> No
Is it legal to fly with these discrepancies?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
Does it make sense to fly with these discrepancies?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
When was the last time the pilot flew this aircraft and this aircraft type?	Aircraft: 2016-12-15 Type: 2016-11-20



Updated Flight Release Process

FRO Checklist

FRO Checklist

Operational Risk Management

What is the ORM score for this sortie?

22 (High)

Are you authorized to release a flight with that score?

Yes

No

If not, who does the pilot need to contact?

What does the pilot consider to be the highest risk for this flight?

What is the pilot doing to mitigate this risk?

Has the pilot read and understand the latest hot topics for pilots? If no, review with the pilot, and enter the review in WMIRS.

No

Are you comfortable releasing this flight?

Yes

No

[Submit](#) [Click to reset FRO Checklist](#)



Other Enhancements

- Programmable ORM Thresholds
 - Leaders May Set “Notification Scores”
- Enhanced Reporting
 - Track scores by mission types, pilots, etc
 - Average scores by mission, wing, unit, etc



Personal ORM Notification Thresholds

Personal ORM Thresholds

eServices | Sign Out | Ronald D. Olienyk

About

- Getting Started
- Automatic Permissions
- Video Tutorials
- CAP Helpdesk

WMIRS 1.0 Links

Command

- Enter New Mission
- Current Missions
- Enter Chaplain Mission
- Channel Plan
- Mission Facilities
- Unit Log
- Comm Log
- Status Board

Operations

Planning

Logistics

Finance & Admin

Support

- Request/Close Out
- RON
- Misc. Expenses
- Unit Log
- Time Zone
- Reports
- Maintenance Module
- Scheduling Module
- Unread Critical Items
- Read Critical Items
- Personal ORM Notifications

Home > Support > Personal ORM Notifications

Wing:

In the grid below please list the ORM Threshold for any selected contacts that you would like to be notified. If an ORM score is above your threshold, you will be notified.

If you update a contact in eServices, it will be updated here as well. However, if you delete a contact in eServices it will be removed from this list.

Level	Minimum Score Greater Than or Equal To	Maximum Score Less Than or Equal To
Low	0	17
Moderate	18	20
High	21	34
Extreme	35	55
NOGO	56	1000



Personal ORM Notification Thresholds

Home > Support > Personal ORM Notifications

Wing:

In the grid below please list the ORM Threshold for any selected contacts that you would like to be notified. If an ORM score is above your threshold, you will be notified.

If you update a contact in eServices, it will be updated here as well. However, if you delete a contact in eServices it will be removed from this list.

Level	Minimum Score Greater Than or Equal To	Maximum Score Less Than or Equal To
Low	0	17
Moderate	18	20
High	21	34
Extreme	35	50
NOGO	51	1000

Send To	Contact Type	Contact Priority	Contact	ORM Threshold
<input type="checkbox"/>	EMAIL	PRIMARY	jdesmarais@capnhq.gov	<input type="text" value="9"/>
<input type="checkbox"/>	EMAIL	SECONDARY	jwdesmarais@bellsouth.net	<input type="text" value="9"/>



Adjustable Flight Release Thresholds

Home > Wing Commanders > FRO ORM Thresholds

Wing:

Senior FRO - ORM Threshold

(Any Sortie with an ORM score greater than this number can only be released by a Senior FRO.)

National Threshold

Region Threshold

Selected Wing

Wing Commander, Vice Commander, Director of Operations Flight Release - ORM Threshold

(Any Sortie with an ORM score greater than this number can only be released by a Wing Commander, Vice Commander or Director of Operations.)

National Threshold

Region Threshold

Selected Wing

NOC Flight Release - ORM Threshold

(Any Sortie with an ORM score greater than this number can only be released by the NOC.)

National Threshold



New Reports

- ▶ Finance & Admin
- ▼ Support
 - Request/Close Out RON
 - Misc. Expenses
 - Unit Log
 - Time Zones
 - Reports
 - Maintenance Module
 - Scheduling Module
 - Unread Critical Items
 - Read Critical Items
 - Personal ORM Notifications
- ▶ Logs
- ▶ Wing Commanders
- ▶ Headquarters
- ▶ CAP-USAF
- ▶ Customer
- ▶ Admin
- Symbols

* - Required Field

[Budget Report](#)

[Cadet Orientation Flights](#)

[e108 45 Day Alert Report](#)

[e108 Batch Reports](#)

eFlight Release Reports

[My Pending Flight Releases](#)

[All Pending Flight Releases For My Wing](#)

[Flights Not eReleased Report](#)

[Flights Released By FRO](#)

[Monthly Flight Release Summary](#)

[Flight Release Totals](#)

[Wing FRO List](#)

Form 18 - Glider Aircraft Utilization

[Form 18 - Glider Wing Fiscal Year Report](#)

[Form 18 - Glider Region Fiscal Year Report](#)

[Form 18 - Glider Fiscal Year Report](#)

[Form 18 - Glider Fiscal Year Summary By Tail No](#)

[Form 18 - Glider Fiscal Year Reporting Status](#)

[Form 18 - Glider Fiscal Year Wing Rankings](#)

Form 18 - Powered Aircraft Utilization

[Form 18 - Wing Monthly Report](#)

[Form 18 - Powered Wing Fiscal Year Report](#)

[Form 18 - Powered Region Fiscal Year Report](#)

[Form 18 - Powered Fiscal Year Report](#)

[Form 18 - Fiscal Year Reporting Status](#)

[Form 18 - Fiscal Year Wing Rankings By Aircraft Hours](#)

[Form 18 - Fiscal Year Wing Rankings By Pilot Hours](#)

[Mission Reimbursement Report](#)

[Pilot Summary Report](#)

[Vehicle Fuel Report](#)

[Wing Pilot Finance Report](#)

[Wing Report](#)

[Wing MX Draft Back Report](#)

[Wing ORM Score Report](#)

[Unit/Pilot Average ORM Score Report](#)

[Average ORM Report](#)



New Reports

Report Parameters

Wing:

*Start Date:

*End Date:

ORM Min:

ORM Max:

Get Report

- [Wing ORM Score Report](#)
- [Unit/Pilot Average ORM Score Report](#)
- [Average ORM Report](#)

*Report

Fiscal Year

Start Date

End Date

Wing

Mission Type

Get Report



New Reports

Average ORM Scores

Home > Support > Reports > Average ORM Score

***Report**

- Select--
- Select--
- Average ORM Score For Each Wing
- Mission Type Average ORM Scores
- Average ORM Score For A Mission
- Sortie ORM Scores For A Mission
- ORM Line Item Numbers

***Report**

Average ORM Score For Each Wing

Fiscal Year

--Select--

Start Date

End Date

Wing

--All Wings--

Mission Type

--Select--

Get Report



What You Can Do

- Emails will go out to the PIC and appropriate FROs.
- Developmental Server
 - <https://capdev.capnhq.gov>
- Test different scenarios
 - Low time pilot
 - Different Conditions
 - Etc.



QUESTIONS?

dov@capnhq.gov

Civil Air Patrol

Questions & Answers

CITIZENS SERVING COMMUNITIES