



CAPF 70-5 Training Module 2: eServices

**1st Lt. Antonio Forenza, CAP
Maj. Peter McCutchen, CAP**



- **INTRODUCTIONS- 1st Lt. Antonio Forenza, CAP**
 - QUESTIONS?.... USE the TEAM's CHAT Box
- **WMIRS**
 - Watch WMIRS video (Module #1)
 - Mission Types/Symbols/Profiles/Sorties & Scheduling
 - What Pilots need to do & view:
 - ORM
 - TOLD
 - WEIGHT & BALANCE
 - DISCREPANCY LOG (AMRAD)
 - F-104 Section in WMIRS
 - FRO/SFRO- Roles and Responsibilities, Checklist Release Procedures
 - Closing Out your sortie in WMIRS
 - Form 104
 - Tach & Hobbs Numbers
 - Form 14 & Form (e108)
- **PCR MOBILE TOOLS**
- **LMS and AXIS**
- **OPS QUALIFICATIONS (SQTR)**
 - Task list for VFR pilot vs. TMP
 - Upload your Pilot Docs (License, Medical, Endorsements)



WMIRS (Web Mission Information and Reporting Systems)

[CAP PILOT ONBOARDING .PDF](#)
[CAP Group2 Pilot Prep Guide](#)

WMIRS 2.0 - Current Missions										
Advanced Search										
Filter Missions Below										
<input type="text"/>										
OPEN PENDING CLOSED CANCELLED DISAPPROVED										
Mission No	Request No	Mission Symbol	Mission Name	Mission Start	Mission End	Location	Mission Type	Air	Ground	
REQ-20-1442 - Pending Approval	REQ-20-1442		Routine IFL Mission	03 Oct 2019	29 Sep 2020	CA	CD			1 0
21-A-3702 TRAINING	REQ-21-2011	A7	Annual Form 5/91 Eval	30 Sep 2020	26 Sep 2021	CA	FORM 5/91 EVAL			98 0
21-A-3703 TRAINING	REQ-21-2012	A9	Annual Consolidated MX	30 Sep 2020	29 Sep 2021	CA	Consolidated MX			131 2
21-A-3704 TRAINING	REQ-21-2013	A12	Annual Pilot Proficiency	30 Sep 2020	29 Sep 2021	CA	Proficiency			133 0
21-A-3705 TRAINING	REQ-21-2014	A15	Annual Cadet Orientation Rides	30 Sep 2020	26 Sep 2021	CA	Cadet Orientation			26 0
21-A-3706 TRAINING	REQ-21-2015	A50	SUI Inspections	30 Sep 2020	26 Sep 2021	CA	SUI INSP			0 0
21-A-3781 TRAINING	REQ-21-2077	A7	Annual Form 5/91 Eval	30 Sep 2020	26 Sep 2021	PCR	FORM 5/91 EVAL			24 0
21-A-3782 TRAINING	REQ-21-2078	A9	Annual Consolidated MX	30 Sep 2020	29 Sep 2021	PCR	Consolidated MX			0 0
21-A-3783 TRAINING	REQ-21-2079	A12	Annual Pilot Proficiency	30 Sep 2020	29 Sep 2021	PCR	Proficiency			0 0
21-A-3784 TRAINING	REQ-21-2080	A15	Annual Cadet Orientation Rides	30 Sep 2020	26 Sep 2021	PCR	Cadet Orientation			0 0
21-A-3785 TRAINING	REQ-21-2081	A50	SUI Inspections	30 Sep 2020	26 Sep 2021	PCR	SUI INSP			0 0
21-B-3786 TRAINING	REQ-21-2082	B0, B7, B9, B12, B17, B23, B24, B25, B26, B27, B28		30 Sep 2020	30 Sep 2021	PCR	Annual B Mission			1 0
21-B-3844 TRAINING	REQ-21-2147	B0, B7, B9, B12, B17, B23, B24, B25, B26, B27, B28		30 Sep 2020	30 Sep 2021	CA	Annual B Mission			21 0
21-T-3734 TRAINING	REQ-21-1513	A0, A24	Onboarding and Return to Flight	30 Sep 2020	26 Sep 2021	CA	On Boarding & Return to Flight			129 0
21-T-3774 TRAINING	REQ-21-1559	A0, A24	Onboarding and Return to Flight	30 Sep 2020	26 Sep 2021	PCR	On Boarding & Return to Flight			7 0
21-T-3801 TRAINING	REQ-21-0915	A99	Communications Installation/Maintenance	30 Sep 2020	26 Sep 2021	CA	COMM INSTALL			0 16
CA-Misc	REQ-CA-Misc	C7, C8, C9, C12, C17, C23, C25, C26, C27, C28		30 Sep 2020	30 Sep 2021	CA	CORP Misc			476 0
PCR-Misc	REQ-PCR-Misc	C7, C8, C9, C12, C17, C23, C25, C26, C27, C28		30 Sep 2020	30 Sep 2021	PCR	CORP Misc			2 0
REQ-21-0920 - Wing Coordination	REQ-21-0920	A5	Q1 Tabletop	30 Sep 2020	30 Dec 2020	CA	SAR TRNG			0 0
REQ-21-0928 - Wing Coordination	REQ-21-0928	A5	Santa Clara County SAR Graduation	30 Sep 2020	30 Oct 2020	CA	SAR TRNG			0 0
REQ-21-0950 - Wing Coordination	REQ-21-0950	A5	Basic SAR/DOR Exercise - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	SAR TRNG			0 0
REQ-21-0951 - Wing Coordination	REQ-21-0951	A5	Basic SAR/DOR Exercise - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	SAR TRNG			0 0
REQ-21-0952 - Wing Coordination	REQ-21-0952	A5	Basic SAR/DOR Exercise - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	SAR TRNG			0 0
REQ-21-0953 - Wing Coordination	REQ-21-0953	A5	Basic SAR/DOR Exercise - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	SAR TRNG			0 0
REQ-21-0957 - Wing Coordination	REQ-21-0957	A17	Flight Clinic - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	FLIGHT CLINIC			0 0
REQ-21-0958 - Wing Coordination	REQ-21-0958	A17	Flight Clinic - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	FLIGHT CLINIC			0 0
REQ-21-0959 - Wing Coordination	REQ-21-0959	A17	Flight Clinic - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	FLIGHT CLINIC			0 0
REQ-21-0960 - Wing Coordination	REQ-21-0960	A17	Flight Clinic - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	FLIGHT CLINIC			0 0
REQ-21-0961 - Wing Coordination	REQ-21-0961	A17	Flight Clinic - Budget Permitting	30 Sep 2020	26 Sep 2021	CA	FLIGHT CLINIC			0 0
21-C-3457 TRAINING	REQ-21-1758	C80, C83	sUAS training & CAPF SU & CAPF 91U	30 Sep 2020	30 Sep 2021	CA	sUAS Training			0 30
21-C-3458 TRAINING	RFD-21-1768	C80, CA1	sUAS training & CAPF SU & CAPF 91U	30 Sep 2020	30 Sep 2021	PCR	sUAS Training			0 0

Update

Reset

Sortie Info

Debrief Sortie

Form 104

Reset Sortie

Brief Sortie

Debrief Sortie

ORM Low

Form 104

Copy Sortie



- Mission Types ←
- Symbols
- Profiles
- Sorties
- Scheduling

Mission Type	Air	Ground
CD	<u>1</u>	<u>0</u>
FORM 5/91 EVAL	<u>98</u>	<u>0</u>
Consolidated MX	<u>131</u>	<u>2</u>
Proficiency	<u>133</u>	<u>0</u>
Cadet Orientation	<u>26</u>	<u>0</u>
SUI INSP	<u>0</u>	<u>0</u>
FORM 5/91 EVAL	<u>24</u>	<u>0</u>
Consolidated MX	<u>0</u>	<u>0</u>
Proficiency	<u>6</u>	<u>0</u>
Cadet Orientation	<u>0</u>	<u>0</u>
SUI INSP	<u>0</u>	<u>0</u>
Annual B Mission	<u>1</u>	<u>0</u>
Annual B Mission	<u>31</u>	<u>0</u>
On Boarding & Return to Flight	<u>129</u>	<u>0</u>
On Boarding & Return to Flight	<u>7</u>	<u>0</u>
COMM INSTALL	<u>0</u>	<u>16</u>
CORP Misc	<u>476</u>	<u>0</u>
CORP Misc	<u>2</u>	<u>0</u>
SAR TRNG	<u>0</u>	<u>0</u>

<https://www.gocivilairpatrol.com/programs/emergency-services/pilots/web-mission-information-and-reporting-system-wmirs/current-missions>



- Mission Types
- Symbols (72-2) ←
- Profiles
- Sorties
- Scheduling

Mission No	Request No	Mission Symbol
REQ-20-1442 - Pending Approval	REQ-20-1442	
21-A-3702 TRAINING	REQ-21-2011	A7
21-A-3703 TRAINING	REQ-21-2012	A9
21-A-3704 TRAINING	REQ-21-2013	A12
21-A-3705 TRAINING	REQ-21-2014	A15
21-A-3706 TRAINING	REQ-21-2015	A50
21-A-3761 TRAINING	REQ-21-2077	A7
21-A-3762 TRAINING	REQ-21-2078	A9
21-A-3763 TRAINING	REQ-21-2079	A12
21-A-3764 TRAINING	REQ-21-2080	A15
21-A-3765 TRAINING	REQ-21-2081	A50
21-B-3766 TRAINING	REQ-21-2082	B0, B7, B9, B12, B17, B23, B24, B25, B26, B27, B28
21-B-3844 TRAINING	REQ-21-2147	B0, B7, B9, B12, B17, B23, B24, B25, B26, B27, B28
21-T-3734 TRAINING	REQ-21-1513	A0, A24
21-T-3774 TRAINING	REQ-21-1559	A0, A24
21-T-3901 TRAINING	REQ-21-0915	A99
CA-Misc	REQ-CA-Misc	C7, C8, C9, C12, C17, C23, C25, C26, C27, C28
PCR-Misc	REQ-PCR-Misc	C7, C8, C9, C12, C17, C23, C25, C26, C27, C28
REQ-21-0920 - Wing Coordination TRAINING	REQ-21-0920	A5

https://www.qocivilairpatrol.com/media/cms/S_072002_F2C45C06F7CDF.pdf

Letter designates status

A & B = Air Force assigned mission (AFAM)

C = Corporate mission Number designates the task to be performed Missions for federal or national agencies, or the military, must be AFAM. Corporate missions may only be used to support agencies below the federal level.

Pilot & sUAS Flights

“A” AIR FORCE ASSIGNED MISSIONS (AFAM) - Reimbursable with USAF funding

“B” AFAM – USAF Non-reimbursable (may be reimbursed by non-Air Force agencies)

“C” CAP Corporate Missions (flown and funded under CAP corporate missions)



- Mission Types
- Symbols
- Profiles (71-5) ←
- Sorties
- Scheduling

Table of Contents

Introduction
 Profile A – Airplane Proficiency Profile
 Profile B – Glider Aero-Tow Profile.....
 Profile C – Glider Ground-Launch Profile
 Profile E – Cross-Country Proficiency Profile ...
 Change Record

Profile A – Airplane Proficiency Profile

Prerequisites

This profile may be flown to support proficiency of any CAP VFR qualified pilot, to include those preparing for CAPF5 renewal, instrument proficiency/IPC, or to meet recent flying experience requirements.

This proficiency profile include:

Required Items

Ground Training (IPC on

- One hour of ground ins

Flight Training (required

- Plan for and brief **one** i
- Brief crew member mis
- Review ground & in-flig procedures, as applicable

Execute the selected training t

- Training Block 1: Basic
- Training Block 2: Take
- Training Block 3: Instru

After the flight:

- Debrief the sortie with 1
- Document completion i

Training Content Requirements for Profile A

This sheet does not need to be scanned and uploaded to document mission completion. The previous page will suffice when uploading documentation.

Training Block 1 Basic Air Work

- Slow flight
- Stalls
- Steep turns
- Turns around a point
- Basic instrument maneuvers
- Practice simulated in-flight emergency procedures

Training Block 2 Takeoffs and Landings


- Perform a normal takeoff to partial and full flap landings
- Perform a short field takeoff to a short field landing (full stop)
- Perform a soft field takeoff to a soft field landing (full stop)
- Practice proper crosswind takeoff and landing techniques
- Perform a simulated forced landing to a low approach or full stop
- Perform no-flap landing to a full stop
- Execute at least one go-around

Training Block 3 Instrument Procedures

At a minimum, there must be a safety pilot onboard for this block. If an Instrument Proficiency Check (IPC) is to be accomplished in conjunction with these profile requirements, a CFII qualified in the aircraft flown is required.

- Flight by reference to Instruments
- Navigation
- Fly as many of the following approaches as time allows:



- Mission Types
- Symbols
- Profiles
- Sorties 
- Scheduling

Mission Number: 21-T-3734 | Current Selected Time Zone: Pacific Standard Time (DST Observed)

Add Sortie

Sortie Date: 11/11/2020

Sortie	SortieDay	Sortie Type	Mission Symbol	Tail No.	A/C Type	Call Sign	Pilot	Tracking No.	Departure Location	Destination	Est. Departure	Est. Arrival	Hours	Fuel/Oil	Approval Status	
Edit Brief Debrief	A0038	11/11/20	Return to Flight	A24	N324CP	C172/G1000	CAP424	McCutchen , Peter H (391292)	McCutchen A24 #1	KLVK	KLVK	13:30	15:00	1.60	\$43.00	Complete

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

AIR SORTIE UPDATE

Flight Released 11/10/2020 20:31 (PST) by Maj Georgios Michelogiannakis / 11/11/2020 4:00:02 AM mccutchenp / 11/11/2020 4:25:46 Session:

[View Flight Release Info Here](#)

Mission No. / Symbol: 21-T-3734 / A24 | Sortie No.: A0038 | Mission Name: Onboarding and Return to Flight

Current Balance: \$845.34

*Sortie Type: Return to Flight | *Sortie Date (PST): 11 Nov 2020

*Dep. Airport: KLVK | *ETD (PST): 13 : 30 | *Dest. Airport: KLVK

*Tail No.: N324CP | *A/C Type: C172/G1000 | Call Sign: CAP424

TAS (Knots): 120 | Color/Description: R/W/B | *Corp/Member A/C: Corp

Home Base: KLVK | Equipment on Board: Permanent | Removable: | Transponder | Tactical Repeater:

[Sortie Files](#)

Crew Contact (Phone, E-mail, etc.): Peter McCutchen8054439565 Keith Benton9258191 | Georgios Michelogiannakis (5301)

Crew/Pax

McCutchen , Peter H (391292)	Form 5 Trainee
McCutchen , Peter H (391292)	
Breton , Keith H (634505)	Instructor
Breton , Keith H (634505)	

Sortie Files

- AirSortie (1)
- Receipts (1)
- TOLD (1)

Upload New File

Copy Files From Another Sortie

Sortie Files

- AirSortie (1)
- Receipts (1)
- TOLD (1)

Upload New File

Copy Files From Another Sortie



- Mission Types
- Symbols
- Profiles
- Sorties
- Scheduling



Support

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

WMIRS - Scheduling Module

Aircraft: My Aircraft | TimeZone: PST | Update My Preferences | Aircraft Information

February 2021

Sunday	Monday	Tuesday	Wednesday
31 N730AN (FAT) - 01/29/2021 14:00 - 02/12/2021 14:00 N6183E (OAK) - 01/29/2021 16:00 - 02/05/2021 16:00 N308CP (ALN) - 01/30/2021 16:00 - 01/31/2021 16:00	1 N730AN (FAT) - 01/29/2021 14:00 - 02/12/2021 14:00 N6183E (OAK) - 01/29/2021 16:00 - 02/05/2021 16:00 N445CP (PRV) - 02/01/2021 00:00 - 02/02/2021 00:00 N308CP (ALN) - 02/01/2021 01:00 - 02/02/2021 00:00	2 N730AN (FAT) - 01/29/2021 14:00 - 02/12/2021 14:00 N6183E (OAK) - 01/29/2021 16:00 - 02/05/2021 16:00 N445CP (PRV) - 02/01/2021 00:00 - 02/02/2021 00:00 N308CP (ALN) - 02/02/2021 01:00 - 02/09/2021 01:00 N183CP (CCR) - 02/02/2021 12:00 - 02/04/2021 12:00 N324CP (LVK) - 02/02/2021 13:00 - 02/09/2021 13:00	3 N730AN (FAT) - 01/29/2021 14:00 - 02/12/2021 14:00 N6183E (OAK) - 01/29/2021 16:00 - 02/05/2021 16:00 N445CP (PRV) - 02/01/2021 00:00 - 02/02/2021 00:00 N308CP (ALN) - 02/02/2021 01:00 - 02/09/2021 01:00 N183CP (CCR) - 02/02/2021 12:00 - 02/04/2021 12:00 N324CP (LVK) - 02/02/2021 13:00 - 02/09/2021 13:00
7 N730AN (FAT) - 01/29/2021 14:00 - 02/12/2021 14:00 N324CP (LVK) - 02/02/2021 13:00 - 02/09/2021 13:00 N445CP (PRV) - 02/05/2021 00:00 - 02/09/2021 00:00 N183CP (CCR) - 02/07/2021 08:00-16:00	8 N730AN (FAT) - 01/29/2021 14:00 - 02/12/2021 14:00 N324CP (LVK) - 02/02/2021 13:00 - 02/09/2021 13:00 N445CP (PRV) - 02/05/2021 00:00 - 02/09/2021 00:00 N6183E (OAK) - 02/08/2021 00:00 - 02/15/2021 00:00	9 N730AN (FAT) - 01/29/2021 14:00 - 02/12/2021 14:00 N324CP (LVK) - 02/02/2021 13:00 - 02/09/2021 13:00 N6183E (OAK) - 02/08/2021 00:00 - 02/15/2021 00:00 N445CP (PRV) - 02/09/2021 00:00 - 02/13/2021 00:00 N183CP (CCR) - 02/09/2021 09:00-13:00 N324CP (LVK) - 02/09/2021 13:30-13:50	10 N730AN (FAT) - 01/29/2021 14:00 - 02/12/2021 14:00 N6183E (OAK) - 02/08/2021 00:00 - 02/15/2021 00:00 N445CP (PRV) - 02/09/2021 00:00 - 02/13/2021 00:00 N183CP (CCR) - 02/09/2021 09:00-13:00 N324CP (LVK) - 02/09/2021 13:30-13:50 N183CP (CCR) - 02/10/2021 09:00-16:00
14 N6183E (OAK) - 02/08/2021 00:00 - 02/15/2021 00:00	15 N308CP (ALN) - 02/13/2021 01:00 - 02/27/2021 01:00	16 N308CP (ALN) - 02/13/2021 01:00 - 02/27/2021 01:00	17 N308CP (ALN) - 02/13/2021 01:00 - 02/27/2021 01:00

Scheduled Aircraft for 02/13/2021

*Date: 02/13/2021 | Get this Date | TimeZone: PST

*Tail Number: N183CP

*Pilot/Scheduler: 621135 - 2d Lt Ilia Shabalin | Pilot/Scheduler - Ilia Shabalin

*Select Mission: 21-A-3702 (CA) - Annual Form 5/91 Eval (30 Sep 1) | 02/13/2021 01:00 - 02/27/2021 01:00 | Pilot/Scheduler - Rex Stuart Demartini

*Start: 09 : 00 | 02/09/2021 00:00 - 02/13/2021 00:00 | Pilot/Scheduler - John J Heidt

*Hours/Days: 3.0 Hours | 02/08/2021 00:00 - 02/15/2021 00:00 | Pilot/Scheduler - Eric Cheate

Add Sortie: Yes | Ad102 - Click here to go to sortie

Update Remove





ANSWER QUESTIONS IN CHAT BOX



What Pilots need to do & view:

1. **ORM** (Operational Risk Management) Checklist
2. **TOLD** (Take Off & Landing Data)
3. **W/B** (Weight & Balance)
4. **AMRAD** (Aircraft Discrepancy log)
5. **F-104** Section of WMIRS

THEN CONTACT FRO email Distribution List for Flight Release





- **ORM** (Operational Risk Management) ←
- **TOLD** (Take Off & Landing Data)
- **W/B** (Weight & Balance)
- **AMRAD** (Aircraft Discrepancy log)
- **F-104** Section of WMIRS
- **Contact for Flight Release**





ORM

Operational Risk Management Worksheet

This is the worksheet to calculate the score for the Operational Risk Management.

Date Submitted: 11/10/2020 by: Peter H McCutchen Last Updated: 11/10/2020 by: Peter H McCutchen

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

- Familiar – Have taken off, landed, and a touch and go sortie planned at least once in the last 90 days
- Unfamiliar – Have not taken off, landed, and a touch and go in the sortie planned in the last 90 days

Time of Day

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

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)

60

Dew Point Temperature (F)

3

Wind (Knots) ** Enter only the wind speed here, NOT direction**

7

Index of Thermal Stress

Normal Zone (<= 90 F)

Outside Air Temperature

- > 40 Deg F
- <= 40 Deg F
- <= 20 Deg F
- <= -10 Deg F (Wing CC, CV, or other special VFR)
- <= -20 Deg F (CAP/DO or despatch)

Departure and Arrival Weather – Current and forecast conditions

- N/A (Visual Meteorological Conditions)
- Special VFR – Instrument rated, Visibility
- IMC – >= 800' AGL Ceiling and >= 300' visibility
- Reduced IMC – >= 500' and >= 300' visibility – SFRO approval required

Takeoff or Landing Distance (TOLD)	<input type="radio"/> Good Departure runway length > TO GROL + Lnd GROL (0 pts)		<input type="radio"/> Caution Departure runway length < TO GROL + Lnd GROL (15 pts) SFRO approval required
--	---	--	--

Tow/Launch Risk (Highest cumulative rating from launch RAW)	<input type="radio"/> Low (0 pts)	<input type="radio"/> Moderate (1 pt)	<input type="radio"/> High (2 pts)	<input type="radio"/> Extreme (30 pts)
---	---	---	--	--



- **ORM** (Operational Risk Management)
- **TOLD** (Take Off & Landing Data) ←
- **W/B** (Weight & Balance)
- **AMRAD** (Aircraft Discrepancy log)
- **F-104** Section of WMIRS
- **Contact for Flight Release**





TOLD Calculation

#1

California Wing CAP Departure SHORT FIELD Takeoff and Arrival Landing Distance Calculator		
Pilot's Name, CAPID	Peter McCutchen 391292	
Mission & Sortie	21-T-3734 A0038	
Select aircraft (dropdown) -->	324CP	
	DEPARTURE AIRPORT	ARRIVAL AIRPORT
Select airport (dropdown) -->	LVK Livermore	LVK Livermore
Enter airport's barometer -->	29.92	29.92
Enter airport's temp (C) -->	14	14
Enter airport's dew point (C) -->	3	3
Enter aircraft's t/o weight -->	2,400	
Longest Runway	Rwy 07L / 25R	Rwy 07L / 25R
Longest Runway Length	5,253	5,253
Takeoff Ground Roll Distance	1,138	
Landing Ground Roll Distance	763	763
Total Ground Roll Distance	1,901	
Exceeds Longest Runway Length	No	No
Shortest Runway	Rwy 07R / 25L	Rwy 07R / 25L
Shortest Runway Length	2,699	2,699
Landing Ground Roll Distance	763	763
Exceeds Shortest Runway Length	No	No
Flight Releaser	FRO	

#2

California Wing CAP Departure SHORT FIELD Takeoff and Arrival Landing Distance Calculator		
Pilot's Name, CAPID	Borgios Michelogiannakis, 530103	
Mission & Sortie	Waldo	
Select aircraft (dropdown) -->	183CP	
	DEPARTURE AIRPORT	ARRIVAL AIRPORT
Select airport (dropdown) -->	OAK Oakland	PAO Palo Alto
Enter airport's barometer -->	29.92	29.92
Enter airport's temp (C) -->	28	30
Enter airport's dew point (C) -->	20	20
Enter aircraft's t/o weight -->	3,100	
Longest Runway	Rwy 12 / 30	Rwy 13 / 31
Longest Runway Length	10,520	2,443
Takeoff Ground Roll Distance	1,203	
Landing Ground Roll Distance	823	805
Total Ground Roll Distance	2,025	
Exceeds Longest Runway Length	No	No
Shortest Runway	Rwy 15 / 33	Rwy N/A
Shortest Runway Length	3,376	
Landing Ground Roll Distance	823	
Exceeds Shortest Runway Length	No	
Flight Releaser	FRO	



- **ORM** (Operational Risk Management)
- **TOLD** (Take Off & Landing Data)
- **W/B** (Weight & Balance) ←
- **AMRAD** (Aircraft Discrepancy log)
- **F-104** Section of WMIRS
- **Contact for Flight Release**





Weight & Balance

Loading Summary

N324CP CAP424 Peter/ Keith

Textron Aviation Inc 172S #172S12135 (2018)

November 11, 2020 04:02:23 GMT

Graph



Notices

Loading Appears OK

Ramp (max 2,558 lb)

Ramp Weight	2,399.7 lb
Ramp Fuel	35 gal 100LL

Takeoff (max 2,550 lb)

Takeoff Weight	2,399.7 lb
CG (39.5 to 47.3)	43 in
Takeoff Fuel	35 gal 100LL

Landing (max 2,550 lb)

Landing Weight	2,399.7 lb
CG (39.5 to 47.3)	43 in
Fuel Remaining	35 gal 100LL

Zero Fuel

Zero Fuel Weight	2,189.7 lb
CG (37.4 to 47.3)	42.5 in

Station Limits

Front Seats	415 of 450 lb
Fuel Tanks	35 of 53 gal 100LL
Aft Seats	35 of 400 lb
Baggage Area A	35 of 120 lb
Baggage Area B	0 of 50 lb

Foreflight / Graphical Image Preferred



- ORM (Operational Risk Management)
- TOLD (Take Off & Landing Data)
- W/B (Weight & Balance)
- AMRAD (Aircraft Discrepancy log) ←
- F-104 Section of WMIRS
- Contact for Flight Release



capnhq.gov/CAP.AMRAD.Web/Reports/PilotReport

Menu

Pilot Discrepancy Report

[Home](#)

Report Filters

Tail Number	Unit	Discrepancy
N101SP	GLR-IL-001	<input type="radio"/> Open
N112CP	GLR-IN-001	<input type="radio"/> Closed
N115CP	GLR-KY-001	
N116CP	GLR-MI-002	

[Filter Report](#) [Clear Filters](#) [Export to Excel](#)

Show entries



- ORM (Operational Risk Management)
- TOLD (Take Off & Landing Data)
- W/B (Weight & Balance)
- AMRAD (Aircraft Discrepancy log)
- F-104 Brief Section of WMIRS
- Contact for Flight Release

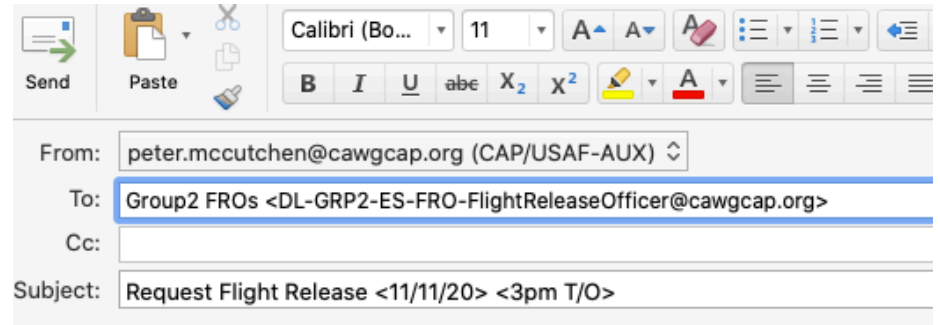


AIR SORTIE BRIEFING **Flight Released 10 Nov 2020 20:31 (PST) by Maj Georgios Michelogiannakis**

Mission No. / Symbol 21-T-3734 / A0, A24	Sortie No. A0038	Mission Name: Onboarding and Return to Flight	Tracking No. McCutchen A24 #1
Area of Operations: C83 Byron Training area	Dep. Airport: KLVK	Dest. Airport: KLVK	
Base Telephone: 8054439565	Base Callsign:	Base Freq.:	
Air/Ground Freq.:	Air/Air Freq.:		
Required Radio Checks & Contacts text run up/ return at fuel	Other Aircraft in Area: NO CAP- FF A/C	Ground Teams in Area (Location/Callsign):	
Sortie Objectives: A24 return to flight, air work, landings/ takeoffs, emergency procedures, checklist, G-1000 refresh <small>max. 81000 characters</small>	Sortie Deliverables: proficient flying		
Actions To Be Taken On Objectives & Deliverables F5 prep- return to flight			
Route Of Flight: direct			
Altitude Assignment & Restrictions: 4500-6500 MSL		Airspeed Expected & Restrictions: 120/70	
Aircraft Separation (Adjoining Areas): visual		Emergency/Alternate Fields: C83	
Military Low Altitude Training Routes: none		Hazards To Flight: other a/c	
Current Local WX: VFR Optional Description	Current En Route WX:™ VFR Optional Description	Current Area Of Operations WX: VFR 11/11 1400	
Forecast Local WX: VFR Optional Description	Forecast En Route WX: VFR Optional Description	Forecast Area Of Operations WX: VFR 11/11/ 1400	
<input type="checkbox"/> Flight Plan Required	None	<input type="checkbox"/> Flight Plan Opened	
<input checked="" type="checkbox"/> ORM Matrix Complete	Risk Assessment: Low		
Special Instructions (Including Risk Mitigation Procedures): training environment		Crew Notes:	



- **ORM** (Operational Risk Management) Checklist
- **TOLD** (Take Off & Landing Data)
- **W/B** (Weight & Balance)
- **AMRAD** (Aircraft Discrepancy log)
- **F-104** Section of WMIRS
- **Contact for Flight Release** ←



Request Flight Release for:
Mission # 21-T-3734
SORTIE # A0038

Local SF Bay Area, Pilot Prof, Profile A w/Instructor

Thank you

Major Peter McCutchen, CAP
peter.mccutchen@cawgcap.org
United States Air Force- AUX
805-443-9565 m



ANSWER QUESTIONS IN CHAT BOX



FRO/SFRO Roles and Responsibilities Checklist and Release Procedures

ORM

Score: **Not Entered**
[Click here to complete ORM](#)

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

FRO Checklist

Status: **Not Complete**
[Click here to complete FRO Checklist.](#)

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

Flights to Release

Approve	Mission No/Sortie No	Pilot	Crew
	21-B-3844 / A0032	Winkleblech , Katelyn Marie (621756)	Deeble , Kenneth M (438453) / Instructor

Discrepancy Information

[Discrepancy Log](#)
[Garmin Aviation Alerts and Advisories](#)

Additional Info/Release Options

This aircraft is Corporate owned.

[View IM Safe Checklist](#)

IM Safe Checklist Reviewed with Pilot

I spoke with the pilot in person or on phone before release.

FRO CAPID:

FRO PIN:

(default is the last 4 of your SSN)

[Return to Air Sortie List](#)



9.11.3.4. Flight Release CAPR 70-1 31 MARCH 2020 21

9.11.3.4.1. The PIC must obtain a flight release from a designated FRO, either in person or via a voice communication method (phone, Skype, radio, etc.), no more than 24 hours prior to takeoff. The PIC shall notify the FRO of any changes effecting the risk assessment that occur after release but prior to takeoff.

9.11.3.4.2. CAP/DO will publish RM score ranges in WMIRS that define the level of authority for flight release. Based on those scores, flight release levels include: 1.) FRO, 2.) Senior FRO, 3.) Senior FRO with concurrence of a Wing or higher Commander, Vice Commander of Director of Operations, and 4.) CAP/DO or designees via the NOC.

9.11.3.4.3. The FRO is responsible for verifying appropriate information, authorizing a CAP pilot to fly as pilot in command in CAP aircraft, verifying use of the appropriate code from CAPS 75, Mission Symbols, and confirming that the aircraft has arrived safely at its destination. If not notified that the flight was safely concluded or extended, the FRO is responsible for initiating missing aircraft procedures at a time determined during release, but no later than two hours from estimated time of arrival. Except as indicated below, each flight release must be issued via the eFlight Release function in WMIRS.

9.11.3.4.7.1 Any FRO may approve a sortie for takeoff when the departure runway is at least longer than the calculated takeoff distance ground roll, plus the landing distance ground roll at the actual takeoff weight of the aircraft being flown, as calculated by the PIC. For glider tow sorties, two times the calculated takeoff distance ground roll for the tow aircraft shall be used in lieu to takeoff plus landing ground roll.

9.11.3.4.7.2 The PIC must obtain a release from an SFRO when the departure runway is shorter than the calculated takeoff distance ground roll, plus the landing distance ground roll at the actual takeoff weight of the aircraft being flown. For glider tow sorties, two times the calculated takeoff distance ground roll for the tow aircraft shall be used in lieu of takeoff plus landing ground roll.

9.11.3.5. Real-time Risk Management. CAP Pilots must continue to apply RM and sound judgment throughout the execution phase of flight operations. To the maximum extent possible, the PIC shall execute the mission at the planned/briefed risk level – accept no unnecessary risk. When risk elevates above that approved in the flight release, the PIC shall take positive action to reduce the risk – as low as reasonably possible. If risk cannot be contained to the released level, a mission abort should be considered.

9.11.3.4.8.1 Any FRO may approve an IFR sortie when forecast conditions (including temporary conditions) for departure and arrival airports meet or exceed an 800-foot ceiling and 2 miles of visibility or approach minimums, whichever is higher, assuming no other factors in RM process require higher approval.

9.11.3.4.8.2 The PIC must obtain a release from an SFRO for any IFR sortie when forecast conditions (including temporary conditions) for departure or arrival airports are lower than an 800-foot ceiling and/or 2 miles of visibility, but not below a 500-foot ceiling and/or 1 mile of visibility.

9.11.3.4.8.3 Only SFROs with the concurrence of a Wing or higher Commander, Vice Commander or Director of Operations may approve IFR sorties down to FAA minimums for departure or arrival airports. 9.11.3.4.9. A FRO may not release a flight on which he or she flies as PIC, crew or passenger.



FRO CHECKLIST

FRO Checklist

Aircraft Information

What aircraft (N number) is the pilot intending to fly?	N499CP
What type of aircraft is this?	C172/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, did you confirm that the pilot can fly with these discrepancies.	<input type="radio"/> Yes <input type="radio"/> No
Is it legal to fly with these discrepancies?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
Does it make sense to fly with these discrepancies?	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
When was the last time the pilot flew this aircraft and this aircraft type?	Aircraft: 2021-02-07 Type: 2021-02-07
If flying a G1000 NXi aircraft with ESP, has the pilot taken the required training? (Ref: https://www.gocivilairpatrol.com/media/cms/G1000_NXi_ESP_Aircraft_B3806D53D577E.pdf)	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A

Mission Information

What mission is the pilot intending to fly on?	21-B-3844
What sortie(s) is the pilot requesting a release for?	A0032
What type(s) and profiles (if applicable) of sortie(s) is the pilot intending to fly?	
Where is the pilot intending to fly?	KSEE
Is the pilot intending to fly within the local area (50 NM)?	<input type="radio"/> Yes <input type="radio"/> No
Is a flight plan filed? If filing a flight plan, remind them to close it when finished.	<input type="radio"/> Yes <input type="radio"/> No
Route of flight?	
Is the pilot authorized to fly this route?	<input type="radio"/> Yes <input type="radio"/> No
Are all destinations along the route of flight authorized for landings in CAP aircraft?	<input type="radio"/> Yes <input type="radio"/> No



- F-104 DEBRIEF
- Closing Out your WMIRS Sortie
- Tach /Hobbs
- Form (e108)



Update **Reset** **Sortie Info** **Debrief Sortie** **Form 104**

AIR SORTIE DEBRIEF

Mission No. / Symbol: **21-T-3734 / A0, A24** Sortie No.: **A0038** Mission Name: **Onboarding and Return to Flight** Tracking No.: **McCutchen A24 #1**

Flight Plan Closed ATD (PST): **13** : **15** ATA (PST): **15** : **00**

NOTE: Hobbs and Tach are now switched to match the aircraft log.

Hobbs: 655.2 End 653.6 Start	Tach: 491.1 End 489.9 Start 1.2 Total
---	---

Hobbs To/From: 0.3 **Hobbs In Area:** 1.3 **Hobbs Total:** 1.6

No Fuel **Fuel Used (Gall):** 10.0 **Oil Used (Qt):** **Fuel & Oil Cost:** 43.90 **Receipt #:** 111120 Wing Paid NHQ Credit Card Paid

Reimburse To: **NHQ** Direct Pay to Member

Fuel Receipt File:
[21-T-3734_A0038_Receipt_Fuel_13Nov2020.pdf](#)
[Delete Receipt](#)

[Sortie Files](#)

max. 6500 characters

Results/Deliverables:
VFR Flight maneuvers; stalls, steep turns, descents, climbs, hood work, checklists, G-1000 fan, waypoints, flt plans, autopilot, Landings: soft, short, regular Takeoff/short, reg, emergency procedures; fueling, briefing/debriefing, WMIRS:F14 & F108

max. 6500 characters

Weather Conditions:
VFR, light wind

max. 6200 characters

Remarks:
Successful completion of Return to flight Sortie #1

max. 6400 characters

Sortie Effectiveness: Successful **Reason (if not successful):** - Select - **Reason (Other):**





What your Closed Out WMIRS Sortie should look like



[View Closeout Info](#)

ATD (PST) 13 : 15		ATA (PST) 15 : 00				
Hobbs: 655.20 End 653.60 Start 1.60 Total		Tach: 491.10 End 489.90 Start Total				
<input type="checkbox"/> No Fuel	Fuel Used (Gal): 10.00	Oil Used (Qt): 	Fuel & Oil Cost: \$ 43.90	Receipt No.: 111120	<input type="checkbox"/> Wing Paid	<input checked="" type="checkbox"/> NHQ Credit Card Paid
Reimburse To: NHQ <input type="checkbox"/> NHQ Credit Card <small>(Unit or CAPID)</small>		<input type="checkbox"/> Direct Pay to Member		This expense is on e108 21-T-3734-V		
21-T-3734 A0038 Receipt_Fuel_13Nov2020_.pdf						
Delete Receipt						
Enter Additional Expense						

[Sortie Files](#)

Crew Contact (Phone, E-mail, etc.)

Peter McCutchen8054439565 Keith Benton9258191

Georgios Michelogiannakis (530103)

[Discrepancy Log](#)



- F-104 DEBRIEF
- Closing Out your WMIRS Sortie
- Tach /Hobbs
- Form 14 & (e108)



Five Rivers Aviation
700 Terminal Circle
Livermore, CA 94551
925-315-4130
11/11/2020 04:03:20 PM

FUEL:100 LL PUMP #2
10.00 @ \$4.390/GAL \$ 43.90

PURCHASE TOTAL \$ 43.90

MASTERCARD
CARD: 4143
NAME: AIRCRAFT/N324CP
Tail Number: N324CP

HAVE A SAFE FLIGHT

California Wing Fuel Card

Receipts submitted for e108's missing information WILL NOT be processed resulting in a delay in your reimbursement

** PLEASE FILL IN ALL INFORMATION BELOW **

Mission #: 21-T-3734
Sortie(s): A0038
Vendor Name: Five Rivers Aviation
Vendor Location: KLVK
Purchaser Name: Civil Air Patrol
Date of Service: 2020-11-11 CAPID: 391292
Tail/Veh. ID/Plate #: N324CP Hobbs/Miles: 1.6
Fuel Qty (Gal.) #: 10.00 Price Per Gal.: 4.39
Addl Costs: 0.00 Desc: 0.00
Total Costs (Fuel+Addl): 43.90

If applicable, explain any refueling over one (1) day after sortie close:

Return to Flight A24

CAWG Form 14 - November 11, 2019

Five Rivers Aviation
700 Terminal Circle
Livermore, CA 94551
925-315-4130
11/11/2020 04:03:20 PM

FUEL:100 LL PUMP #2
10.00 @ \$4.390/GAL \$ 43.90

PURCHASE TOTAL \$ 43.90

MASTERCARD
CARD: 4143
NAME: AIRCRAFT/N324CP
Tail Number: N324CP

HAVE A SAFE FLIGHT



E108 (CAP Expense Report)

Home > Mission Info

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

- Sign In/Sign Out
- Create e108**
- Unit Log
- Mission Expense Report

Support

Logs

Symbols

* - Required Field

AIR SORTIE UPDATE

Flight Released 11/13/2020
Session:

View Flight R

Mission No. / Symb
21-T-3734 / A:

Current Balance: \$\$

*Sortie Type
Return to Flight


*Dep. Airport
KLVK

*Tail No.
N324CP


TAS (Knots)
120

Home Base
KLVK

CAWG - Form 14 Processed and Attached

 **noreply@cawgcap.org <noreply@cawgcap.org>**
McCutchen, Peter H Maj; McCutchen, Peter H Maj
Friday, November 13, 2020 at 2:47 PM

[Show Details](#)

 **21t3734_a0038.pdf** 1.1 MB

[Download All](#) [Preview All](#)

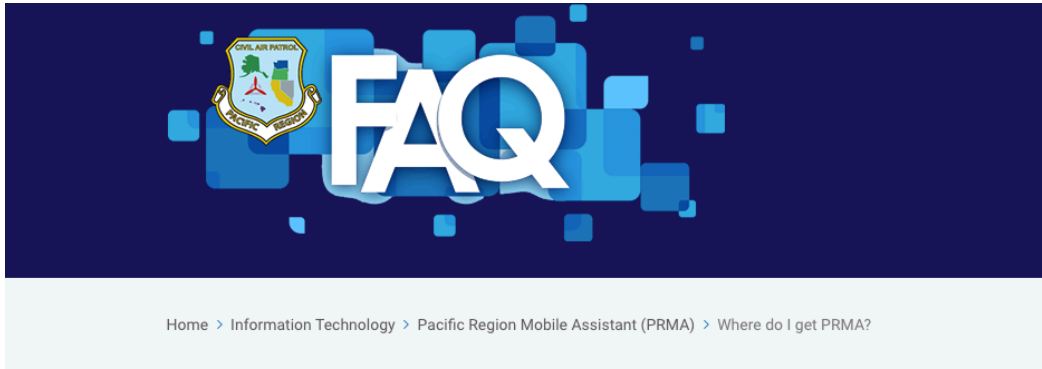
See attached your requested **CAWG** F14





PCR Mobile Tools

- > FRO List
- > TOLD Calculator
- > Check Pilots
- > Aircraft Info
- > FORM 14



Where do I get PRMA?

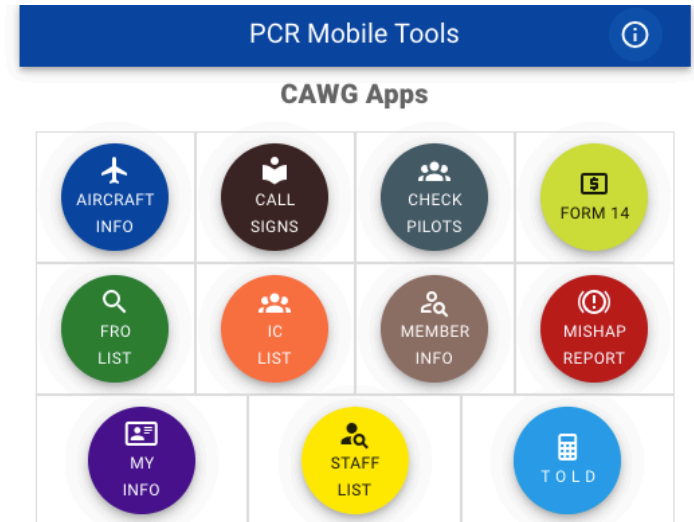
PRMA URL: <https://mobile-tools.pccap.org>

Please remember this is sized and spaced for mobile devices only right now, while it will run on a desktop the experience may look different than on a mobile device.

Here are (2) video's I put together to help get these setup on your devices. Remember to use the PAUSE button if the video is to fast.

Password for Videos: *(submit a support request below for the password)*

- [Video for setting up on iOS](#)
- [Video for setting up on Android](#)





ANSWER QUESTIONS IN CHAT BOX



LMS & AXIS

OPS QUALIFICATIONS (SQTR)

- Task list for VFR Pilot vs. TMP
- Uploading Pilot Docs (Licenses, Medical & Endorsements)





Homework Assignment for Module 3

- Read Sections 1 and 2 of C182T POH
- Fill out [CAPF 70-5Q-A](#) and bring it to class