



11th Air Force



Alaska Civil-Military Aviation Council 7 Nov 2016

ADMINISTRATION

- Silence cell phones and other accessories
- Please ensure you have signed in

Chairman
Col Lars R. Hubert
11th Air Force Vice Commander

Spokesman
Capt Craig Gulledge
11th Air Force Airspace & Range Team



Meeting Agenda



Topic

- **Introduction**
- **Opening Remarks**
- **Old Business**
- **New PAXON/FOX 3 MOA**
- **SUAIS, New PAXON Radio**
- **Merrill Field CARTEE**
- **Airfield Status Update**

Break

- **Red Flag Alaska Update**
- **Northern Edge Update**
- **Alaska Aerofuel Challenges**
- **40-Mile Air Operations**
- **Open Forum**
- **Closing Comments**

Briefer

- (Capt Craig Gulledge)
- (Col Lars Hubert)
- (Maj Mike Curry)
- (Maj Mike Curry)
- (Maj Mike Curry)
- (Maj Thomas Star)
- (Multiple speakers)

- (Mr. Pete Bussa)
- (LCDR Karl Sanders)
- (Mr. Billie Erickson)
- (Mr. Jake Combs)

- (Col Lars Hubert)



Alaska Civil/Military Aviation Council

Col Lars Hubert



Old Business



JPARC Modernization

Special Use Airspace Information Service

Joint Pacific Alaska Range Complex



Environmental Impact Statement for the Modernization and Enhancement of Ranges, Airspace, and Training Areas in the Joint Pacific Alaska Range Complex in Alaska

Executive Summary

Final June 2013





DELTA MOAs

SIDE VIEW: DELTA MOAs
FL180

DELTA 1 10000' MSL	DELTA 2 5000' MSL	DELTA 3 3000' AGL	DELTA 4 7000' MSL
EIELSON AFB	BIRCH 500' AGL	DELTA JUNCTION	BUFFALO MOA 300' AGL

I AM NOT A PILOT. WHY SHOULD I KNOW ABOUT MOAs AND SUAIS?

The information in this pamphlet is for all persons traveling in the vicinity of Military Operations Areas (MOAs) in Alaska. For persons on the ground, this pamphlet provides information on where low flying military aircraft and "jet noise" may occur.

SUAIS INFORMATION

For current information on MOA, MTR and range status/activity, contact:

EIELSON RANGE CONTROL (ERC)
VHF 125.3 MHz
1-800-758-8723 / (907) 372-6913

Contact nearest FSS or Anchorage Center after hours or when ERC cannot be reached. Notify ERC via telephone when outages to SUAIS are encountered.

GENERAL SAFETY REPORTING AND NOISE COMPLAINTS

Report unexpected encounters with military aircraft, other safety concerns, and noise complaints to the

24 HOUR FEEDBACK LINE
1-800-538-6647

For **ADDITIONAL INFORMATION** about Air Force flight activity in Alaska see our website at: <http://www.jber.af.mil/11af/alaskaairspaceinfo>

Special Use Airspace scheduled activation times (for up to 24 hrs. from current time) can be obtained at: <https://swa.faa.gov>

THIS PAMPHLET IS PROVIDED FOR INFORMATION PURPOSES ONLY. IT IS NOT INTENDED TO REPLACE OFFICIAL GUIDANCE AVAILABLE THROUGH THE FAA. IT IS STRONGLY RECOMMENDED THAT PILOTS CONTACT THE NEAREST FLIGHT SERVICE STATION FOR THE LATEST NOTAM INFORMATION ON RESTRICTED/SPECIAL USE AIRSPACE.

ALASKA MILITARY OPERATIONS AREAS (MOAs)

Special Use Airspace Information Service (SUAIS)

IMPORTANT INFORMATION ON MILITARY AIRCRAFT OPERATIONS IN ALASKA FOR ALL PILOTS, RESIDENTS, AND VISITORS





Updated: April 2016
DEPARTMENT OF THE AIR FORCE
11TH AIR FORCE
JOINT BASE ELMENDORF-RICHARDSON



JPARC Modernization: Update / Review



- **ROD Approved:** Aug 6, 2013

- **USAF Proposals:**

- **Expand existing Fox 3 MOA**

- Low MOA: 500' AGL – 4,999' AGL
- High MOA: 5,000' AGL – 17,999' MSL

- **Establish a new Paxon MOA**

- Low MOA: 500' AGL – 13,999' MSL
- High MOA: 14,000' MSL – 17,999' MSL
- Delta 5 MOA: 500' AGL – 17,999' MSL

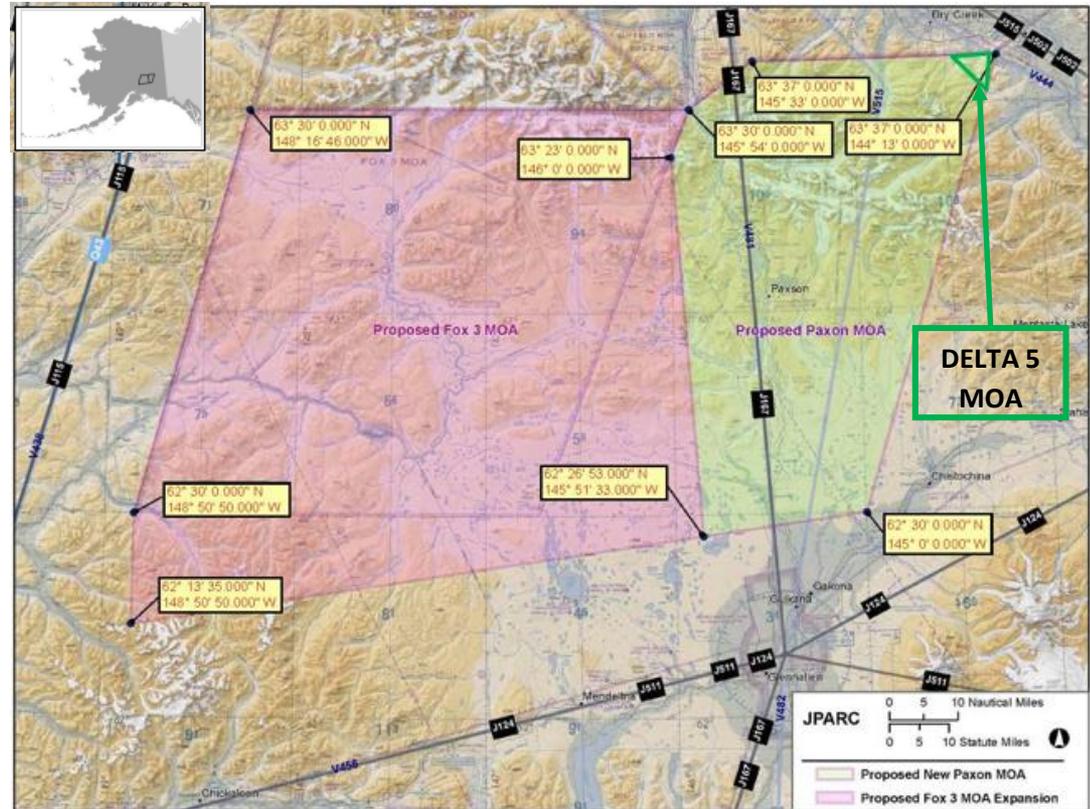
- **Extend JPARC MOA times of use**

- Extend hours from 10 p.m. to midnight

- **Updates:**

- **Anticipated MOA Usability Date:**

May 25, 2017





JPARC Modernization: VFR Flight Corridor (MOA Exclusion Area) Update



- **Sep 2015 - FAA Safety Risk Management Panel:**

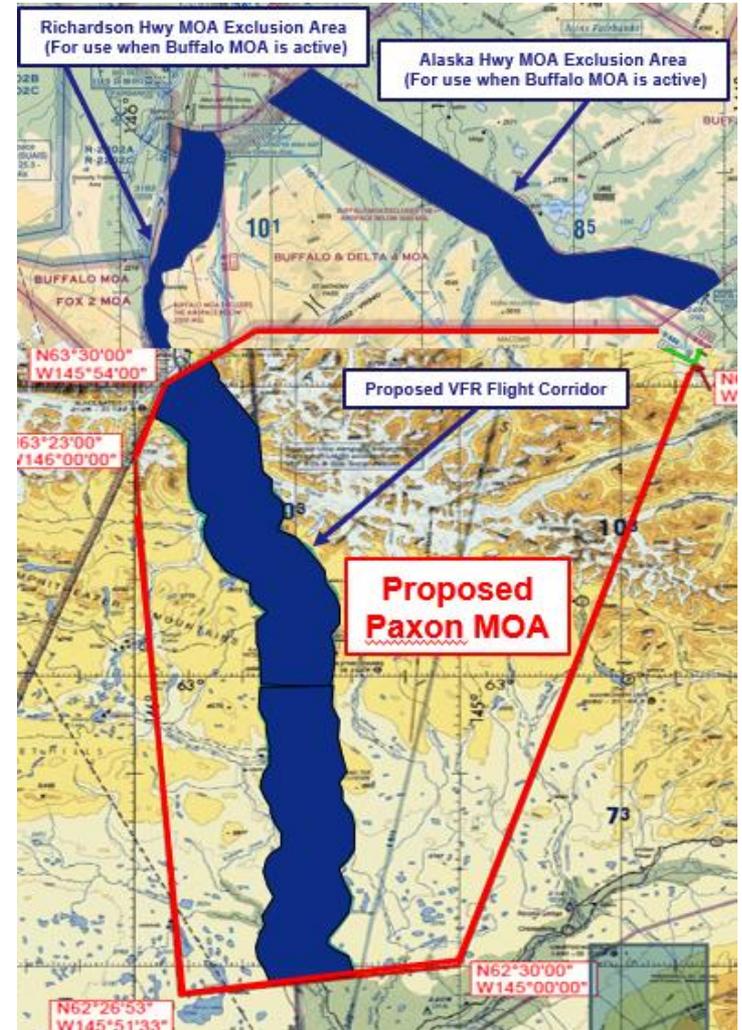
- AOPA, AK Airmen's Association, AK Air Carriers Association, and others voiced concern about the VFR Flight Corridor (MOA Exclusion Area) over the Richardson Highway through the Paxon MOA
- SRMP members recommended a workgroup be formed to further investigate the VFR Flight Corridor

- **Post-SRMP Workgroup Meeting:**

- FAA Western Service Center representatives agreed that the proposed VFR Flight Corridor (MOA Exclusion Area) over the Richardson Highway through the Paxon MOA **NOT be created or charted** based on civil opposition.

- **To Date:**

- Headquarters FAA has yet to render final approval





JPARC Modernization: Eagle & Migratory Bird Avoidance



MOA Floor Adjustment (15 Mar – 30 Sep): Eagle Nesting Season

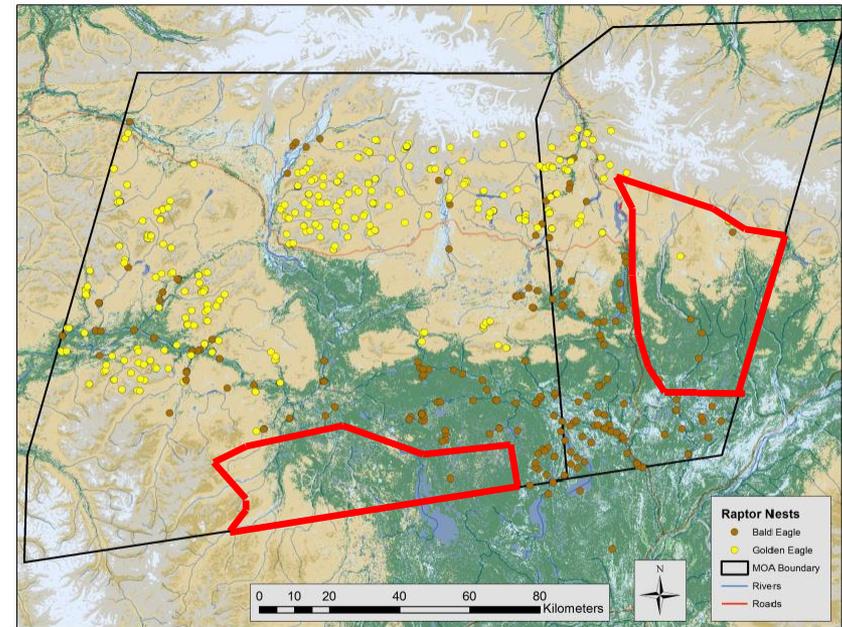
- **From March 15th – September 30th:**

- MOA floor altitude: 1,000' AGL

Note: AF could pursue “take permits” in 2 low-density nesting areas (**outlined in red**) to allow 500' AGL low level flight during the eagle nesting season. Alaska Air Force leadership will determine whether or not to pursue these “take permits”.

- **Reason for MOA floor adjustment:**

- Compliance with the Bald and Golden Eagle Protection Act (BGEPA)



Map showing Bald & Golden Eagle nests found during 2015 survey effort & during 2012-2014 Susitna River Project (ABR, 2014). **Red outlines** indicate low-density eagle nest areas where Air Force could fly down to 500' from 15 Mar – 30 Sep.



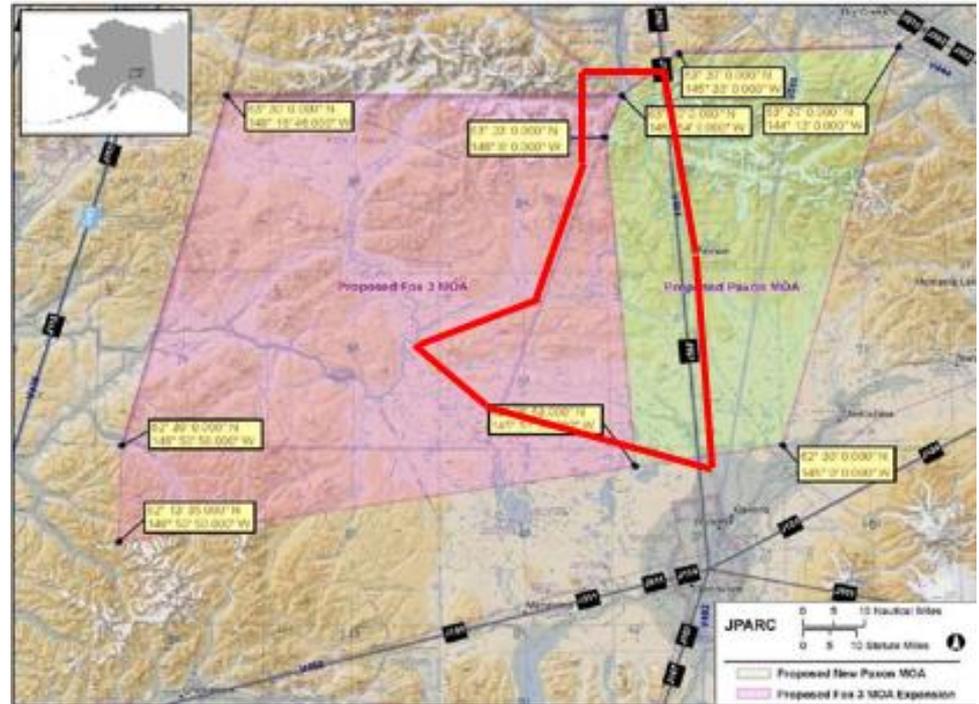
JPARC Modernization: National Wild & Scenic Rivers (NWSR) Protection



Partial MOA Floor Adjustment (15 May – 30 Sep): NWSR Protection

- **From May 15th – Sep 30th:**
 - MOA floor: 5,000' MSL in RED AREA
- **Reason:**
 - Compliance with National Wild & Scenic Rivers Act

Note: Gulkana River, Delta River, Tangle Lakes, & Dickey Lake are heavily used by tourists, hunters, fisherman, & recreationalists



National Wild & Scenic Rivers Protection: **Red Outline** indicates “No Fly Area” below 5,000’ MSL from 15 May through 30 Sep



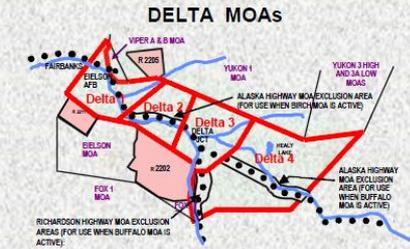
JPARC Modernization: “Take-Aways”



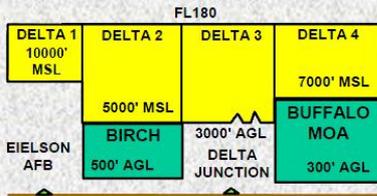
- **Anticipated Fox 3, Paxon, & Delta 5 MOA Usability Date:**
May 25, 2017
- **VFR Corridor through Paxon MOA (over Richardson Hwy):**
Headquarters FAA has yet to render final decision
- **Fox 3, Paxon, Delta 5 MOA Floor Adjustments:**
 - From 15 Mar – 30 Sep (Eagle Nesting Season):
1,000' AGL (Possibly 500' AGL in two low-density eagle nesting areas)
 - From 15 May – 30 Sep (NWSR Protection):
5,000' MSL over Delta & Gulkana NWSRs, to include the west, middle, and north forks of the Gulkana and the headwater lakes area (Tangle Lakes and Dickey lake)



SUAIS Update



SIDE VIEW: DELTA MOAS



The Delta MOAs will only be utilized during major flying exercises (MFEs). Usage times will be published 30 days in advance to the start of each exercise. Exercise activation times will normally consist of a morning and evening period. Each period will last 1.5 - 2.5 hours. Reference the webpage below and Eielson AFB NOTAMs for actual activation times. The Delta MOAs will be returned to the FAA immediately upon completion of military use. Activation times are published 30 days in advance to encourage pilots to plan their flights around the short activation windows. MOAs are "VFR see and avoid" airspace. VFR flight through MOAs is not restricted, although extreme caution is advised due to the high speed dynamic nature of military flying. Utilize SUAIS if you must transit an active MOA. Emergency aircraft, air evacuation, Life Flight, and fire fighting aircraft will always have priority over military training. Please refer to the Alaska Airspace webpage for the most current information:

<http://www.jber.af.mil/11af/alaskaairspaceinfo>

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ALASKA MILITARY OPERATIONS AREAS (MOAs)

Special Use Airspace Information Service (SUAIS)

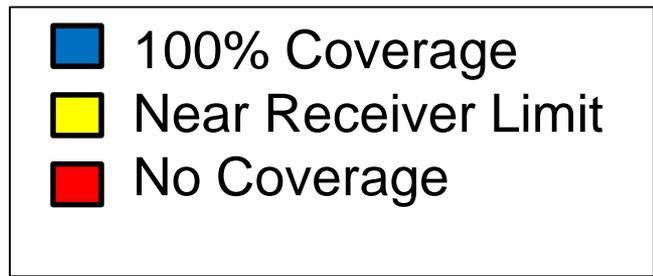
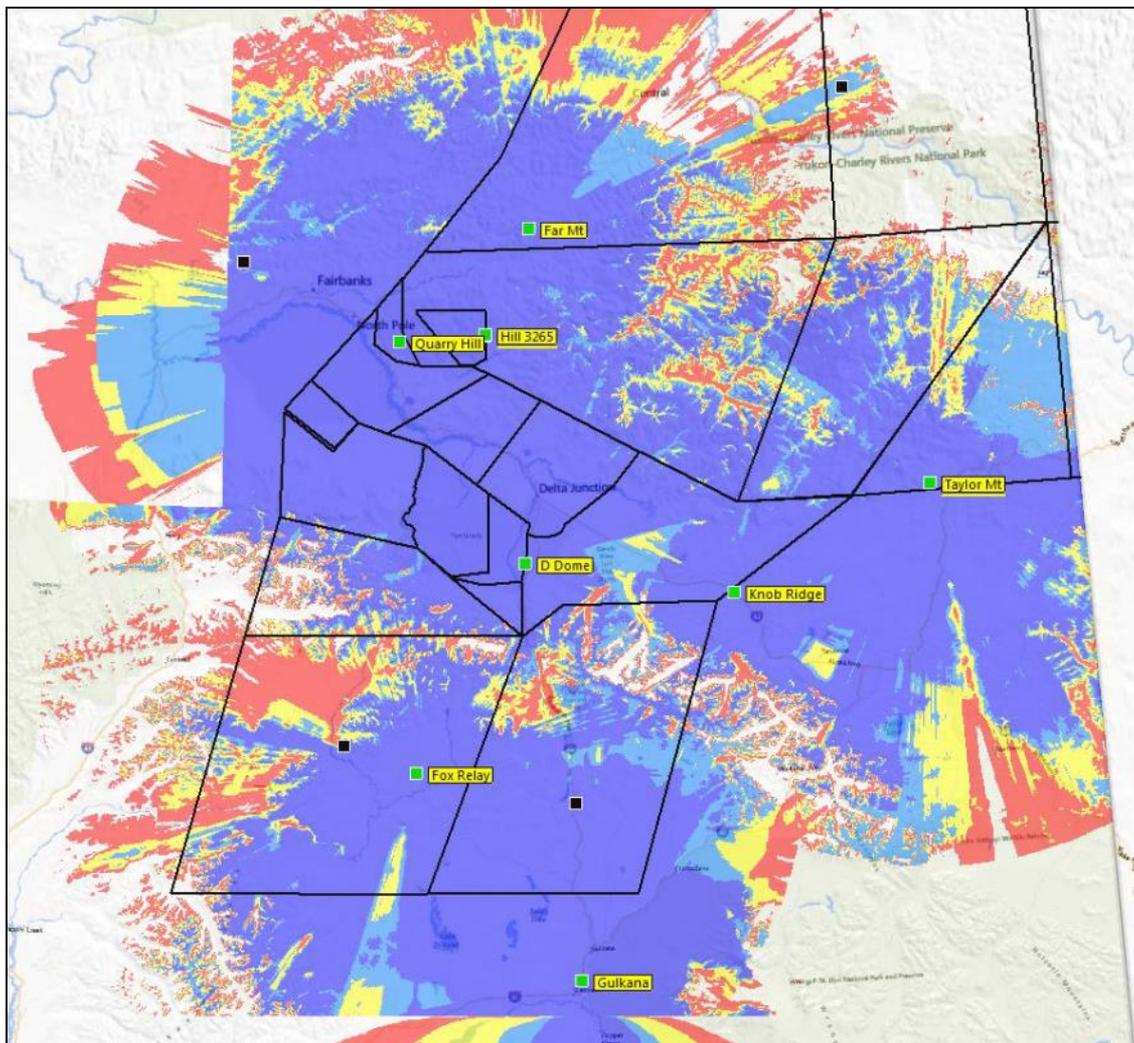
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AIRCRAFT OPERATIONS IN ALASKA FOR
ALL PILOTS, RESIDENTS, AND VISITORS



Updated: April 2016
DEPARTMENT OF THE AIR FORCE
11TH AIR FORCE
JOINT BASE ELMENDORF-RICHARDSON



Current Radio Coverage (1500' AGL)





SUAIS Update



- **Update:**

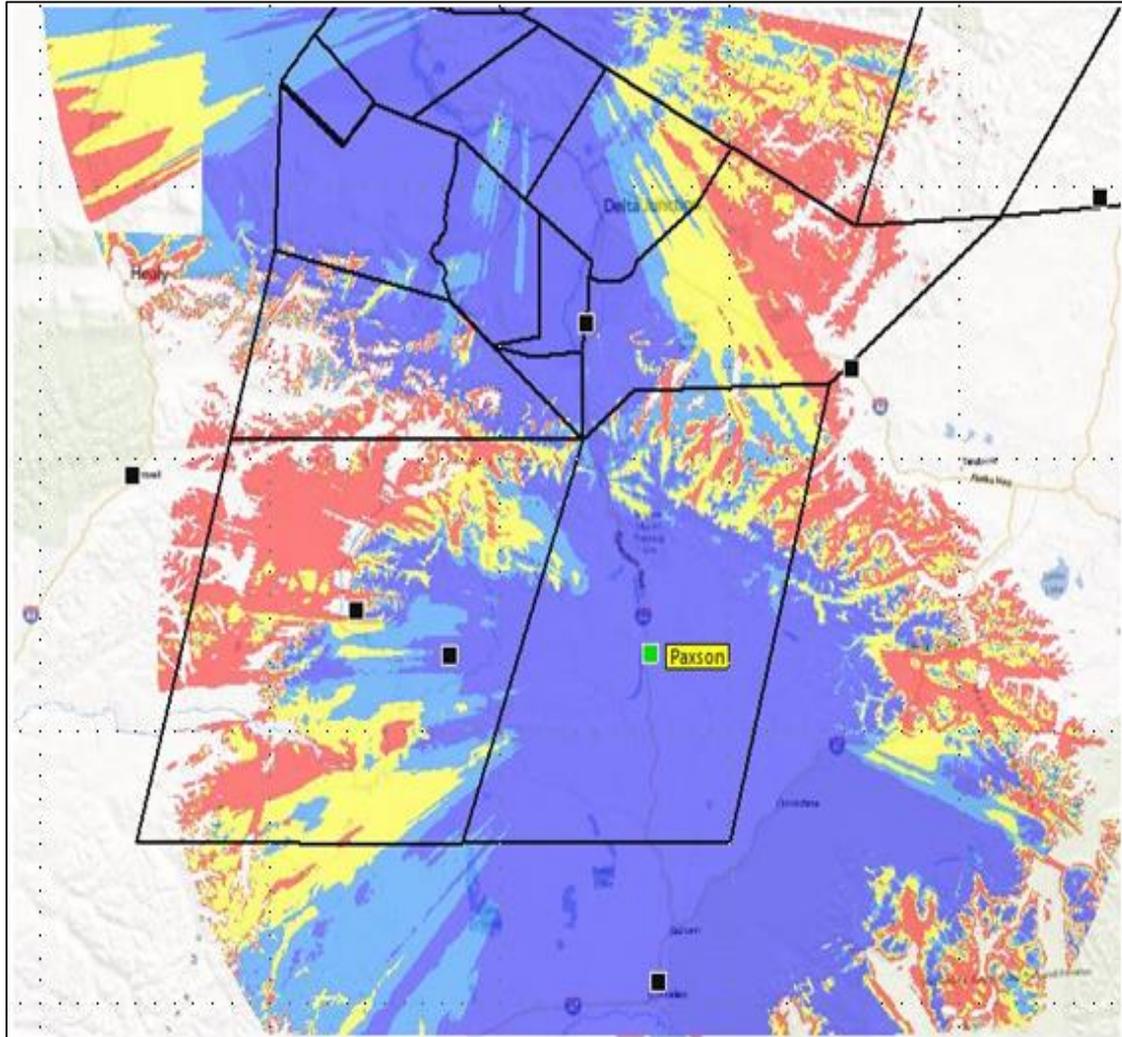
- The Air Force has secured funding to install a high duty cycle radio near the town of Paxson
- Anticipated install completion timeframe: Spring 2017

- **How does this enhance SUAIS?**

- Improves SUAIS radio coverage within the proposed Fox 3 & Paxson MOAs
- Improves Air Force's ability to broadcast the recorded SUAIS "after-hours message" on VHF 125.3 MHz south of the Alaska Range



Expected Radio Coverage: Paxson High Duty Cycle Radio (1500' AGL)



-  100% Coverage
-  Near Receiver Limit
-  No Coverage



Eleventh Air Force

Integrity - Service - Excellence

JBER CARTEE

Airspace

Lessons

Learned



Maj Thomas Star
3 OSS/ADO

U.S. AIR FORCE

Integrity - Service - Excellence



JBER CARTEE Airspace Lessons Learned



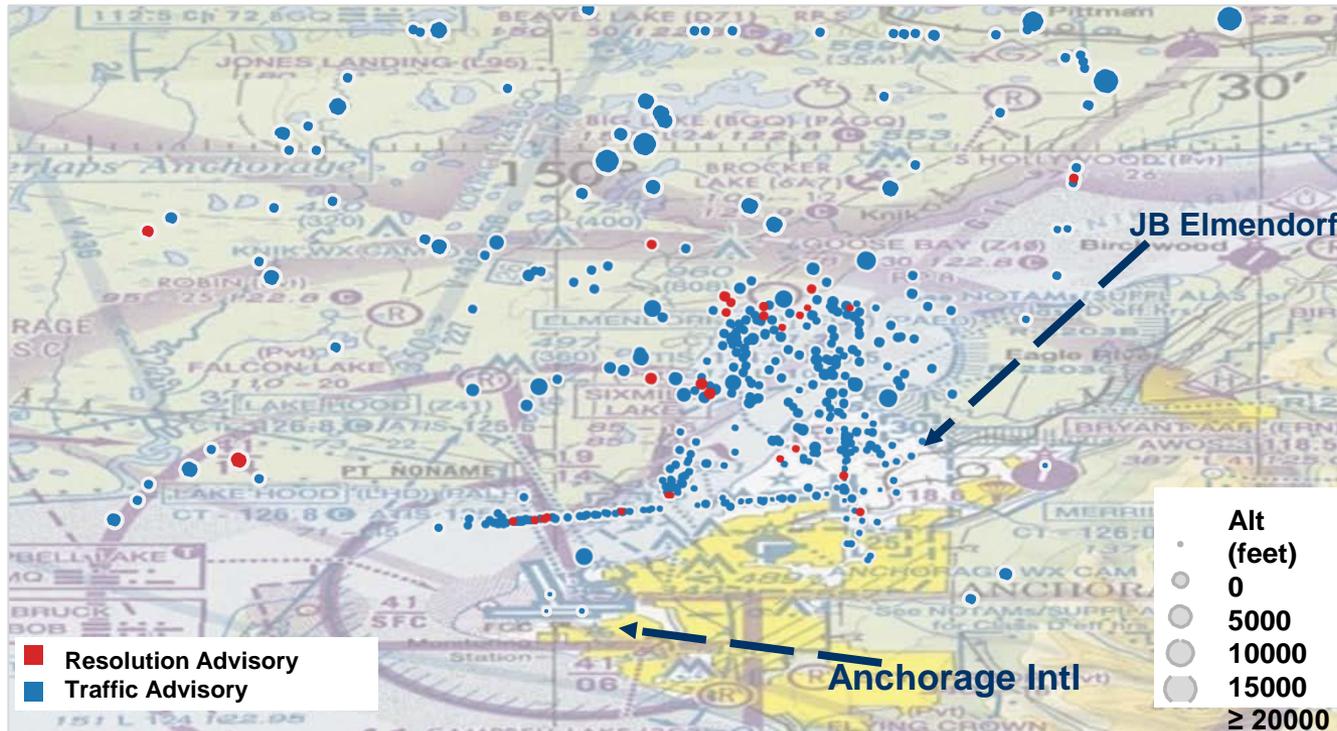
- **Why does JBER need CARTEE?**

- **Lack of CARTEE Description with respect to JBER Pilots in AK IFR Supplement**

- **Some aircraft that operate at JBER are required to file Hazardous Air Traffic Report (HATRs) when they receive an RA, regardless if everyone is procedurally correct**



JBER CARTEE Airspace Lessons Learned





Airfield Updates



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Elmendorf Airfield Environment

2017 Proposed Construction



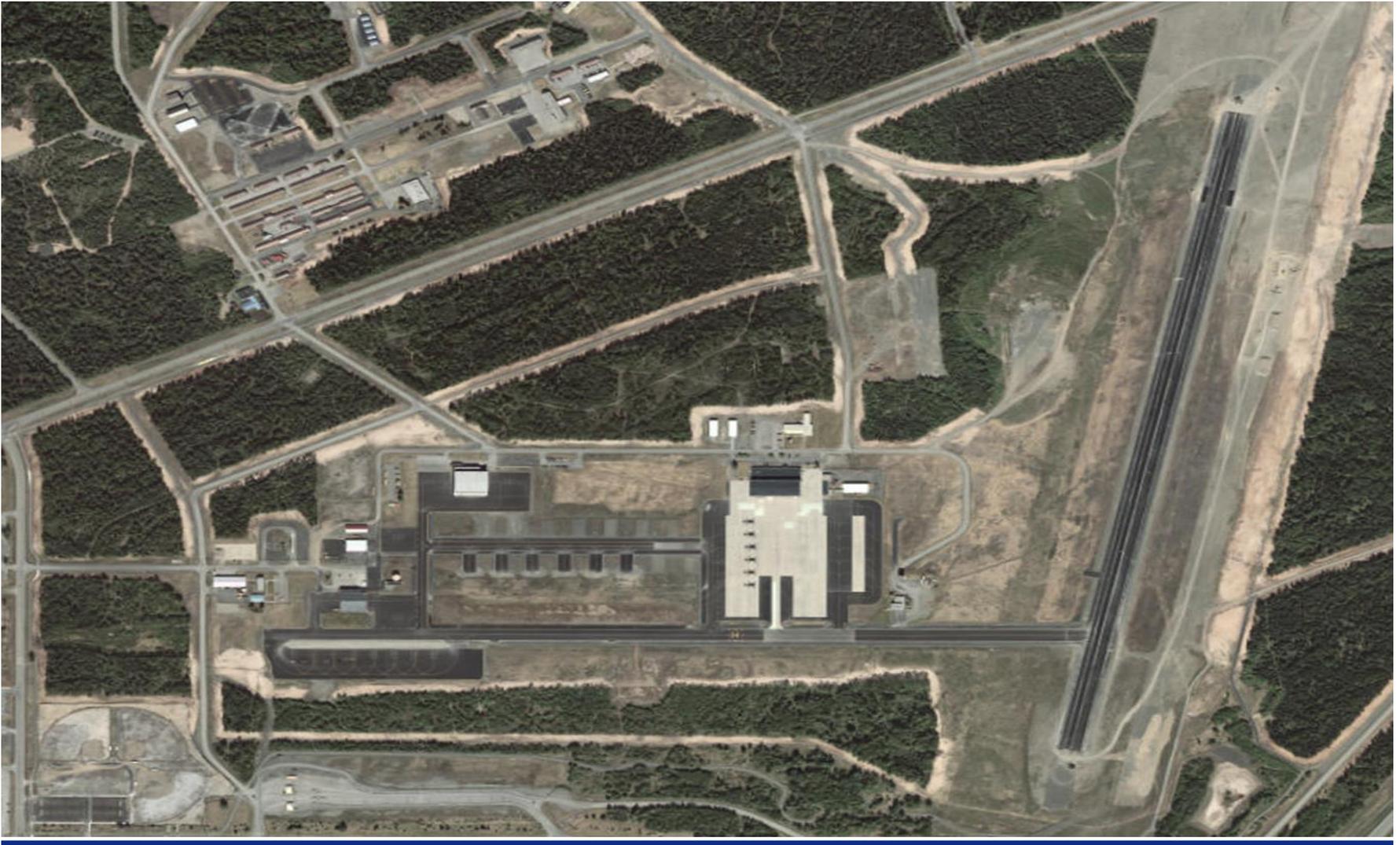
- ❑ Phase II of Rwy 6/24 construction project will take place in spring/summer 2017
 - ❑ Phase II/A; removes concrete at the intersection of Rwy 6/24 & replaces it with asphalt (tentative 3 Apr – 7 Jul 17)
 - ❑ **NOTE: RWY 16/34 will be closed. 06 will have 8000' and 24 will have 7500'**
 - ❑ Phase II/B; removes concrete at the approach end of 6/24 & replaces it with asphalt (tentative 8 Jul – 15 Oct 17)
 - ❑ **NOTE: Both RWYs Open and 06/24 will have 8000'. ILS and PAR for 06 will not be available.**

Note: Phase II/B timeline is contingent upon completion of Phase II/A





Bryant Army Airfield



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Bryant Army Airfield



- **Traffic Pattern**

Open to Civilian Traffic with Coordination – No Touchdown Authorized – Still working that with Army

Civil Aircraft Landing Permits (CALP) – CW4 Malone
(907) 428-6323

- **Airfield Construction**

FMQ-23 (AWOS) Installed – Information available on SkyVector

Standard Terminal Automation Replacement System (STARS)
Installed when A11 receives upgraded system

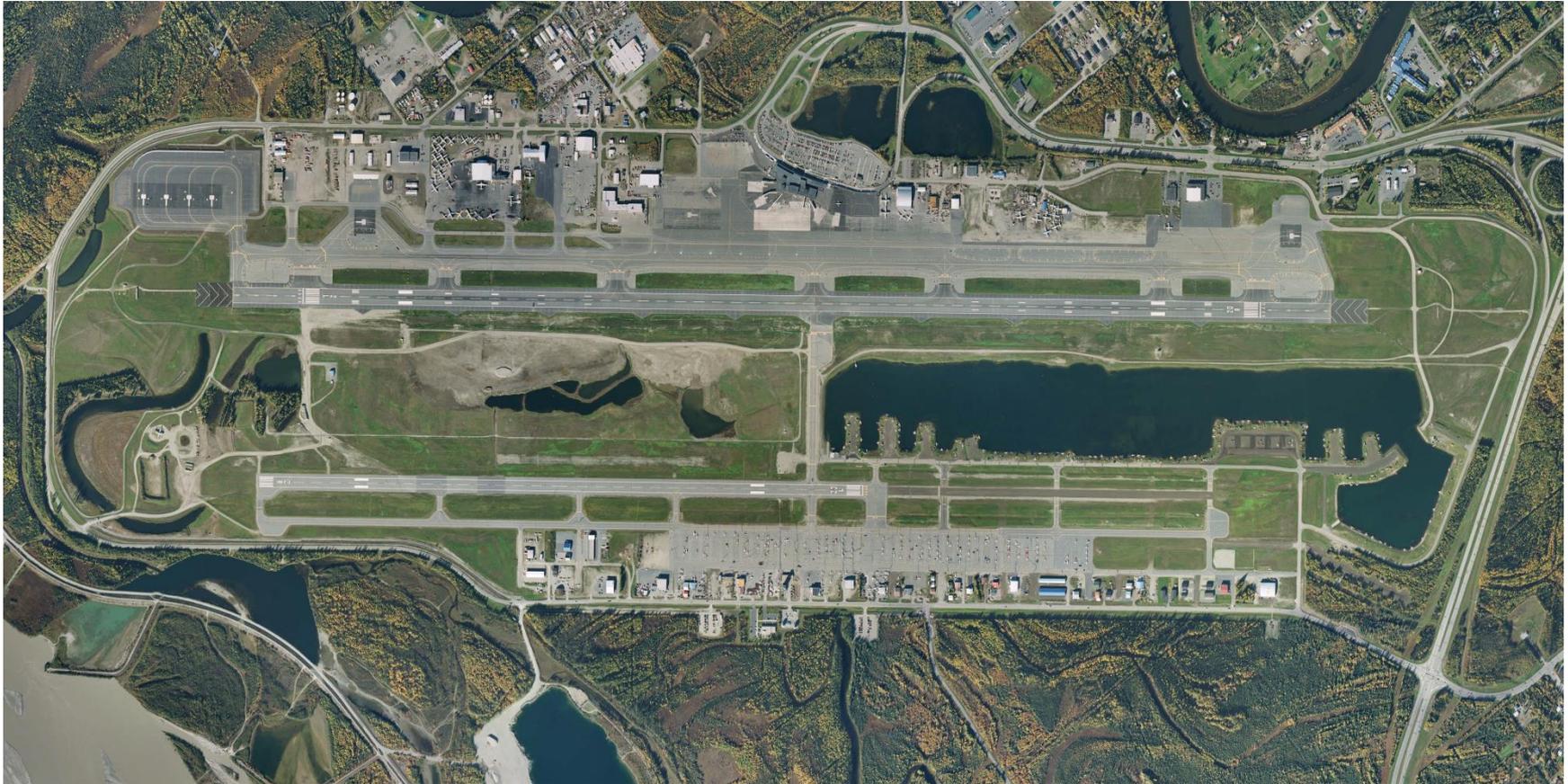
673rd doing a great job with snow removal – Our RCR reports updated regularly – usually better than >17



Fairbanks

International Airport

AeroNexus®



Integrity - Service - Excellence



Fairbanks
International Airport
AeroNexus®



Short-Term

CONSTRUCTION PROJECTS / NAVAIDS	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
None		

Long-Term

CONSTRUCTION PROJECTS / NAVAIDS	CONSTRUCTION PERIOD	EFFECTS/LIMFACs/ TEMPORARY OPS
None		



Eielson AFB



Eielson AFB (EIL)
N64 39.94' W147 06.09'



Eielson AFB Construction



PROJECT	DATES	HOURS	IMPACT/NOTE
Tanker Row	1 June – 31 Oct	0700-1900	Replace spots 11-14 and taxilane. 6 available spots on tanker row, overflow on South Ramp
Airfield Painting	6 Jun – 6 Jul	1900-0700	NONE Runway, Primary Taxiways
Papa/Quebec/ Romeo/Sierra Rows Fuel spill repairs	1 July – 20 July	0700-1900	Repair asphalt on all fuel spill areas



Eielson AFB Holiday Closures



CLOSED	OPEN
24 Nov – 27 Nov 16	0700L on 28 Nov 16
23 Dec – 26 Dec 16	0700L on 27 Dec 16
30 Dec 16 – 1 Jan 17	0700L on 2 Jan 17



Ladd Army Airfield



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Ladd Army Airfield



- **Operating MQ-1C Gray Eagle Unmanned Aircraft System between LAAF and R2205**
- **Expecting better runway conditions this winter**
- **Two shifts of ATC Tower; current hours are 0800-2330 except Wednesday which is 1000-1800**
- **One shift of GCA (PAR); Wednesdays 1000-1800**
- **Will have pavement repairs during summer 2017**

ALASKAN COMMAND



NORTHERN EDGE 2017

**LCDR Karl Sander, USN
ALCOM J712
7 Nov 2016**

The Overall Classification of this Briefing is:

UNCLASSIFIED



Background



- **One in a series of US Pacific Command exercises**
- **Prepares Joint forces to respond to crises in the Asian-Pacific region**
- **Biennial dating back to 1975**
 - **Renamed NORTHERN EDGE in 1993**
 - **Cancelled due to sequestration in 2013**
- **Participation from all uniformed services and interagency partners**



Overview



- **PACOM war plan exercise**
 - Service component inputs drive emphasis
 - Tactically focused, air & maritime centric
- **Comprehensive, realistic training design**
 - Air-to-Air, Air-to-Surface, Tactical Command and Control
 - Live-Virtual-Constructive integration enhances training
- **Fully utilizes Alaska's training ranges**
 - Joint Pacific Alaska Range Complex
 - Gulf of Alaska





NE17 Proposed Participants



Eielson

18 AGRS	12xF-16C+
13 FS	16xF-16CM
480 FS	16xF-16CM
67 FS	12xF-15C
335 FS	12xF-15E
TTF	8xKC-135
TTF	4xKC-10
4xHawker Hunter contract OPFOR	
Cessna Blacktail	
King Air	

Other

8 th AF Det 4 (Guam)	2xB-1B
1xCG	1xSH-60
1xDDG	1xSH-60

JBER

90/525/302 FS	28xF-22
VAQ-138	5xEA-18G
VMFA-121	10xF-35B
VMFA(AW)-242	10xF/A-18D
961/962/965 AACS	3xE-3D
VMGR-152	4xKC-130J
	1xP-3C
	1xP-3 LSRS
	1xEP-3
	1xEC-130
	2xB-52
	1xU-2
	1x707 contract tanker
	2xLear contract OPFOR
	757
	BAC-111
	CRJ
	Falcon 20



NE17 Proposed Calendar

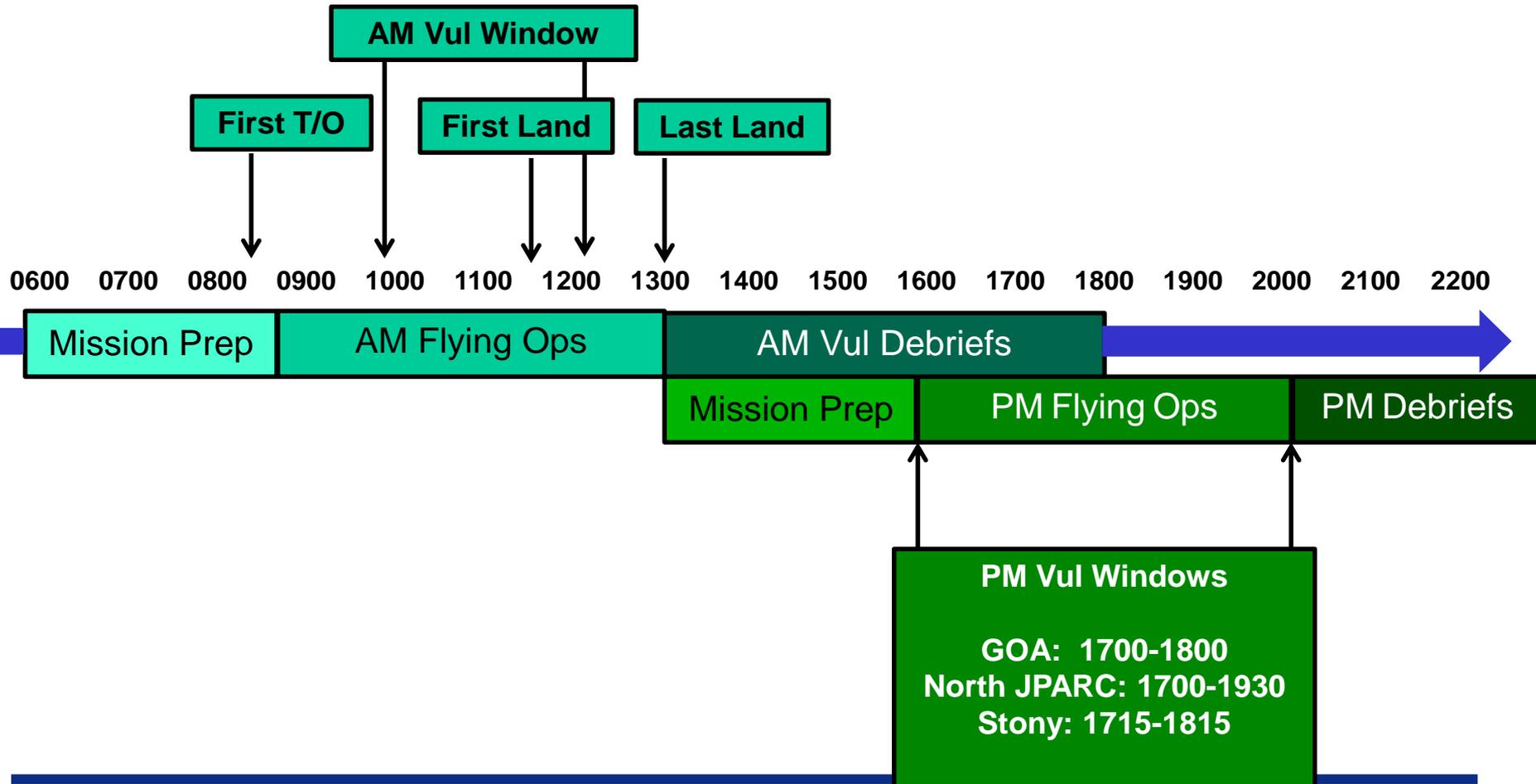


April / May 2017

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
23	24	25	26	27	28	29
	ARRIVAL IN THEATER			EXERCISE In-Briefs	Local Area Orientation	JECG Training
30	1	2	3	4	5	6
Mission Planning	JPARC		JPARC	JPARC	JPARC	
	GOA, Stony, JPARC	GOA, Stony, JPARC	GOA, Stony, JPARC, Fox	GOA, Stony, JPARC, Fox	GOA, Stony, JPARC, Fox	
7	8	9	10	11	12	13
	JPARC		JPARC	JPARC	JPARC	Redeploy
	GOA, Stony, JPARC	GOA, Stony, JPARC	GOA, Stony, JPARC	GOA, Stony, JPARC		
14	15	16	17	18	19	20
Redeploy				AM FTX Execution		
				PM FTX Execution		



NE17 Proposed Daily Schedule

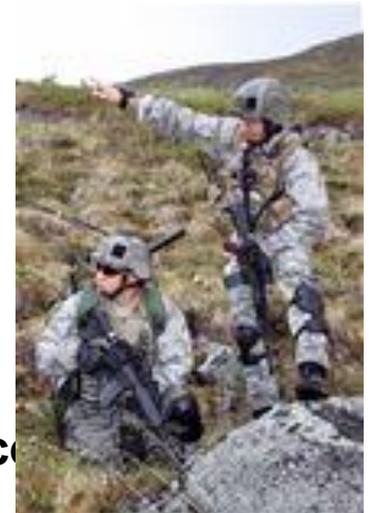




NE15 Highlights

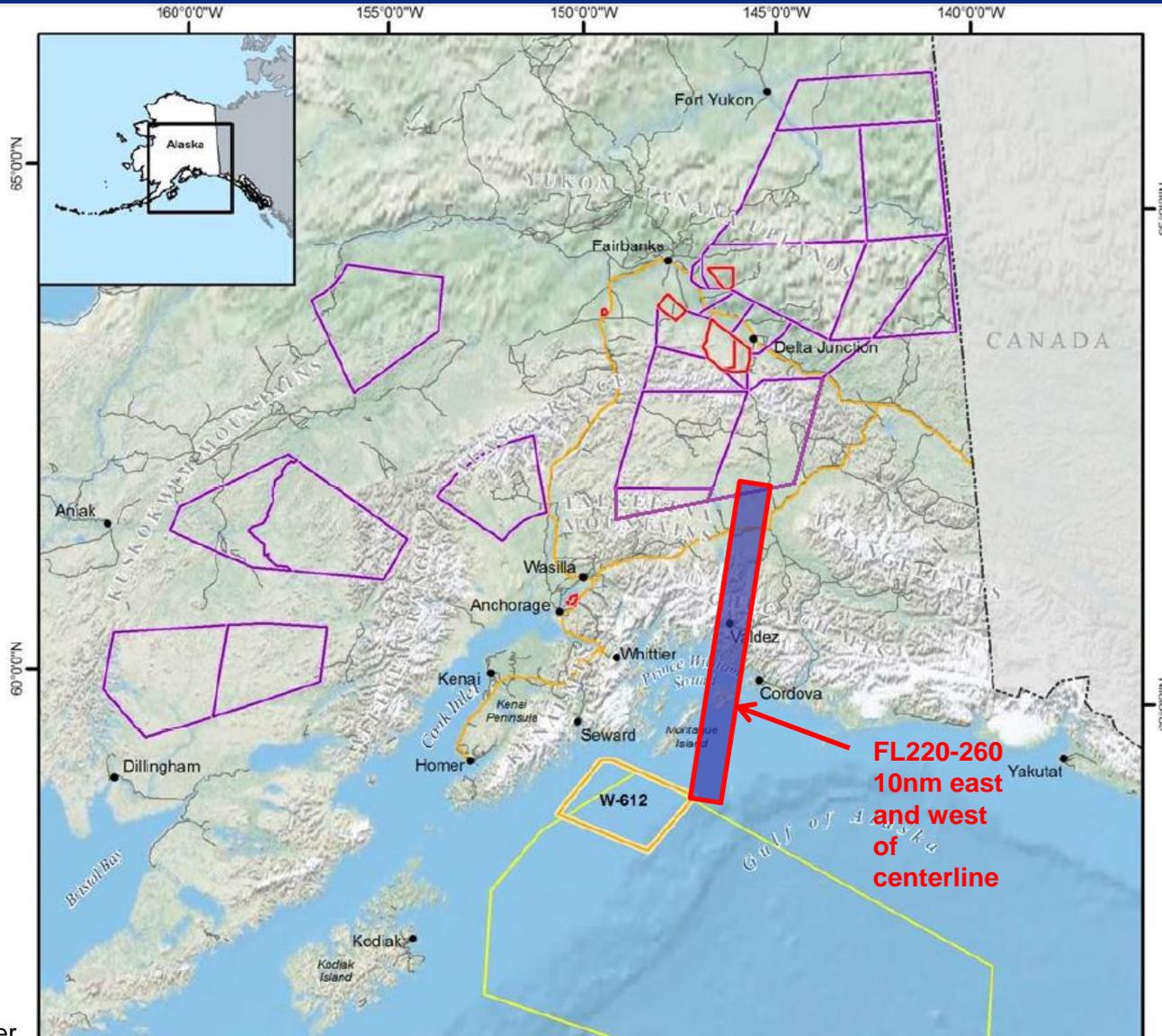


- **Over 7,000 Joint Exercise participants**
 - 67 units, 8 ships, 1 submarine, 184 aircraft
 - 1,892 total sorties, 5,133.6 hours
 - Air refueling: 10,027,800 lbs transferred to 1,265 receivers
 - 31,207 lbs ordnance, 132,000 lbs cargo dropped
 - 117 paratroopers dropped
- **Experimentation, Science and Technology**
 - 19 high-end experiments and simulations
 - Addressed priority capability shortfalls
 - Extensive employment of electronic attack
 - GPS jamming, communications jamming, air/surface jamming, datalink jamming





Proposed Air Traffic Routing





Air Traffic Routing



- Traffic flow in accordance with NE17 Ops and Procedures Letter of Agreement (in draft)
- Eielson departures and recoveries to/from the GOA via a stationary ALTRV, 10nm east and west of centerline 6226N14615W to 5922N14705W, FL220-260
- Elmendorf departures via SP-907/908 and RTB via Chugach Recovery or SP-911
 - 10nm spacing between flights, max 4 aircraft per flight
 - 20nm between flights recovering to JBER if IFR



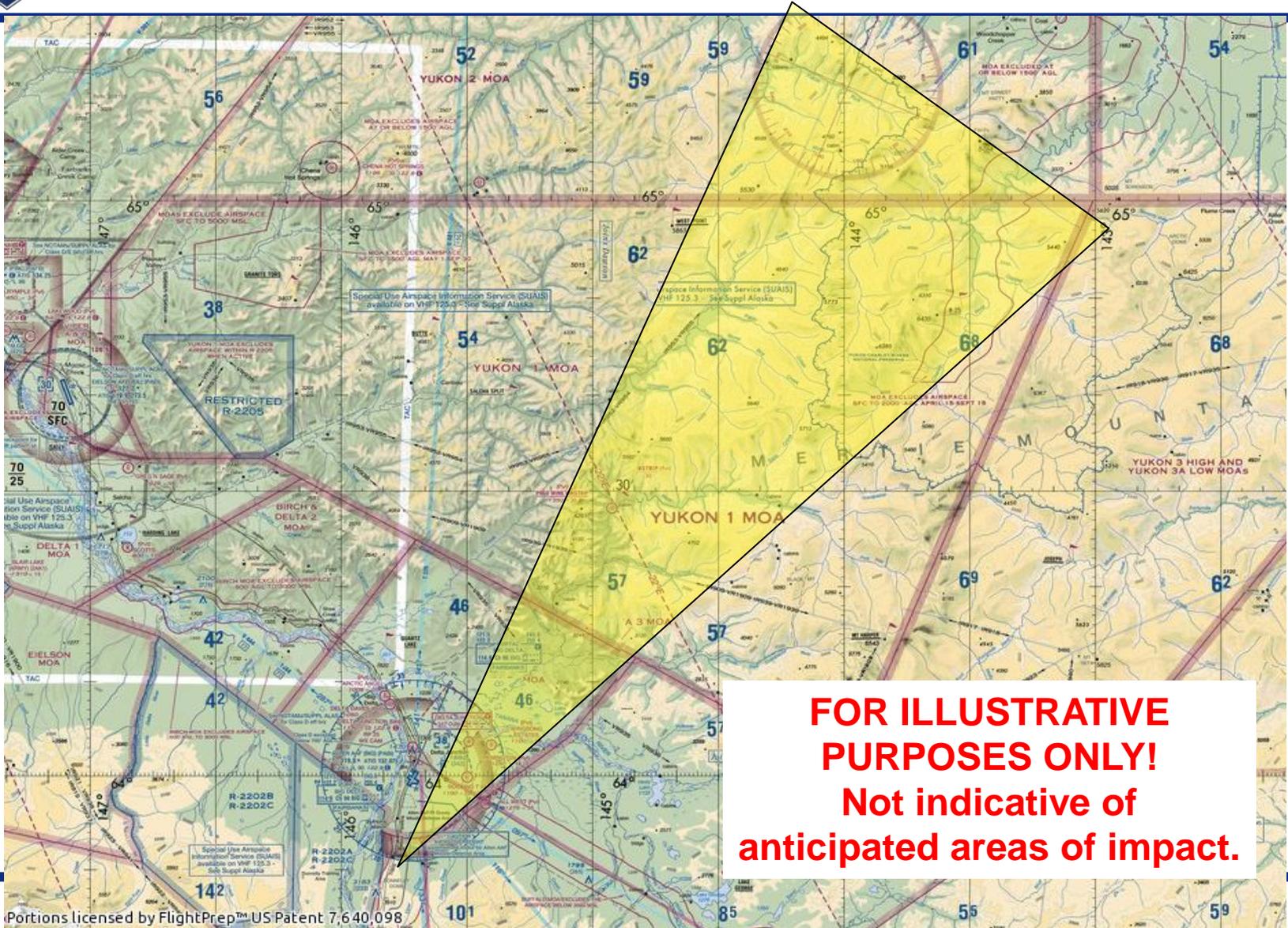
GPS Jamming



- Pending approval
- Tactical employment denial in JPARC
 - Dates and time windows to be determined
 - Frequency request accommodates flexibility for weather cancellations



GPS Jamming



FOR ILLUSTRATIVE PURPOSES ONLY!
Not indicative of anticipated areas of impact.



GPS Jamming Mitigation



- **Detailed coordination with FAA**
 - **DoD and FAA independently plot and assess areas of potential impact**
 - **FAA develops internal mitigation procedures for controllers**
- **Directional jamming**
 - **Narrow azimuth**
 - **Aimed away from critical ATC facilities**
 - **Targeting participating aircraft above FL300**
- **Finite time windows**
- **Weather dependent**
- **Redundant methods to pass “cease buzzer”**



GPS Jamming



- **Notification methods**
 - **Public information: this briefing, Public Affairs releases, formal FAA notification (NOTAM)**
- **What effects will I see?**
 - **Possible blanking similar to that noticed during periods of intermittent coverage**
- **What should I do if I note adverse impacts?**
 - **Specific procedures to be released pending FAA approval (times, contact frequencies, etc.)**
 - **Notify controlling agency, coordinate alternate navigation**
 - **Emergency: “cease buzzer” call on GUARD**



GPS Jamming



- **Capability fielded by militaries around the world**
- **U.S. forces must expect to operate in a GPS-denied environment in future conflicts**
 - **Need to be able recognize degradation and employ appropriate mitigation procedures**
 - **NORTHERN EDGE 17 presents a unique opportunity to provide that exposure**



Summary



- **NORTHERN EDGE is one of Pacific Command and DoD's premier exercises**
- **Alaska's military infrastructure allows training on a scope and scale unrivalled anywhere else**
- **Interagency cooperation and community support are keys to exercise success**



Questions?





RED FLAG-ALASKA



353rd CTS Eielson AFB AK

THIS BRIEFING IS UNCLASSIFIED

Integrity - Service - Excellence



Overview



- **CY – 2017 Update**

- RF-A 17-2
- RF-A 17-3

- **Questions**





RF-A 17-2

(8 Jun – 23 Jun 17)



■ Eielson:

- **Fam Day (9 Jun 17)**
- **18 AGRS (Eielson)** **12xF-16C+**
- 14 FS (Misawa) 12xF-16CJ
- 44 FS (Kadena) 12xF-15C
- 25 FS (Osan) 12xA-10
- 107 FS (Selfridge ANGB) 12xA-10
- VMFA-251 (Beaufort) 10xF/A-18C
- **ROKAF** **6xKF-16**
- **JASDF** **6xF-15MJ**
- **JASDF** **2xKC-767**
- TTF (AMC Lead) 6xKC-135
- 168 ARS (Eielson) 1xKC-135R
- 210 RQS (JBER) 1xHH-60
- 146 ASOS JTACs

■ JBER:

- 962 AACS (JBER) 1xE-3
- 961 AACS (Kadena) 1xE-3
- 517/249 AS (JBER) 2xC-17
- 204 AS (Hickam) 1xC-17
- **JASDF** **1xE-767**
- **JASDF** **3xC-130**
- 146 AS 2xC-130
- **RTAF** **1xC-130H**

■ SOCOM:

- ODA 3114 SOF

■ Distant Frontier:

- **25 FS** **24 May-7 Jun**
- **13/14 FS** **15 May-7 Jun**
- **44/67 FS** **15 May-7 Jun**

100+ Aircraft / 1,700 participants



RF-A 17-3

(27 Jul – 11 Aug 17)



■ Eielson:

- **Fam Day (28 Jul 17)**
- **18 AGRS (Eielson)** **12xF-16C+**
- 35 FS (Kunsan) 12xF-16CM
- SEAD (TBD) 12xF-16
- 44 FS (Kadena) 12xF-15C
- TTF (Kadena) 3xKC-135R
- TTF (AMC) 4xKC-135R
- 168 ARS (Eielson) 1xKC-135R
- 20 FS (Barksdale) 3-4xB-52H
- RCAF (TBD) TBD
- 210 RQS (JBER) 1xHH-60
- **JNWC (Kirtland)** **GPS Jam**
- 129/130/131 RQS 2xMC-130
- RAAF 1xKC-30A

■ JBER:

- 90/525 FS (JBER) 18xF-22
- 962 AACS (JBER) 1xE-3
- 961 AACS (Kadena) 1xE-3
- TBD (Offutt) 1xRC-135VW
- 41/43 ECS (DM) 1xEC-130H
- **RAF (TBD)** **TBD**
- **RAAF (TBD)** **TBD**

■ Distant Frontier:

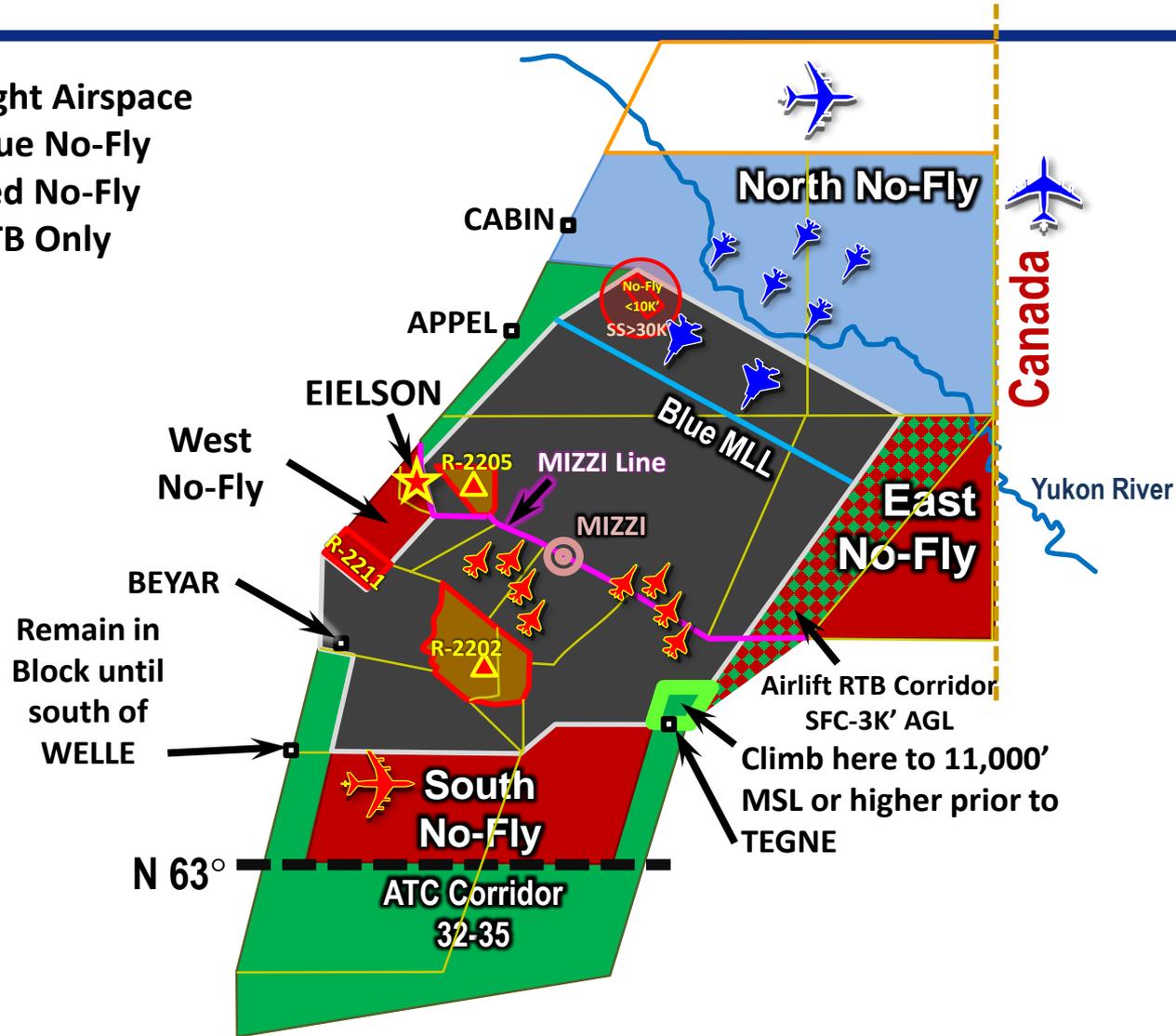
- **35 FS** **17-26 Jul**
- US Army:
- ODA 7125/7122 7th SFG (Eglin) SOF
- AOB 7120 7th SFG (Eglin) SOF
- NWS SOF (Virginia) RECEE/JTACs

90+ Aircraft / 1,400 participants



Current DCA Airspace

- Fight Airspace
- Blue No-Fly
- Red No-Fly
- RTB Only

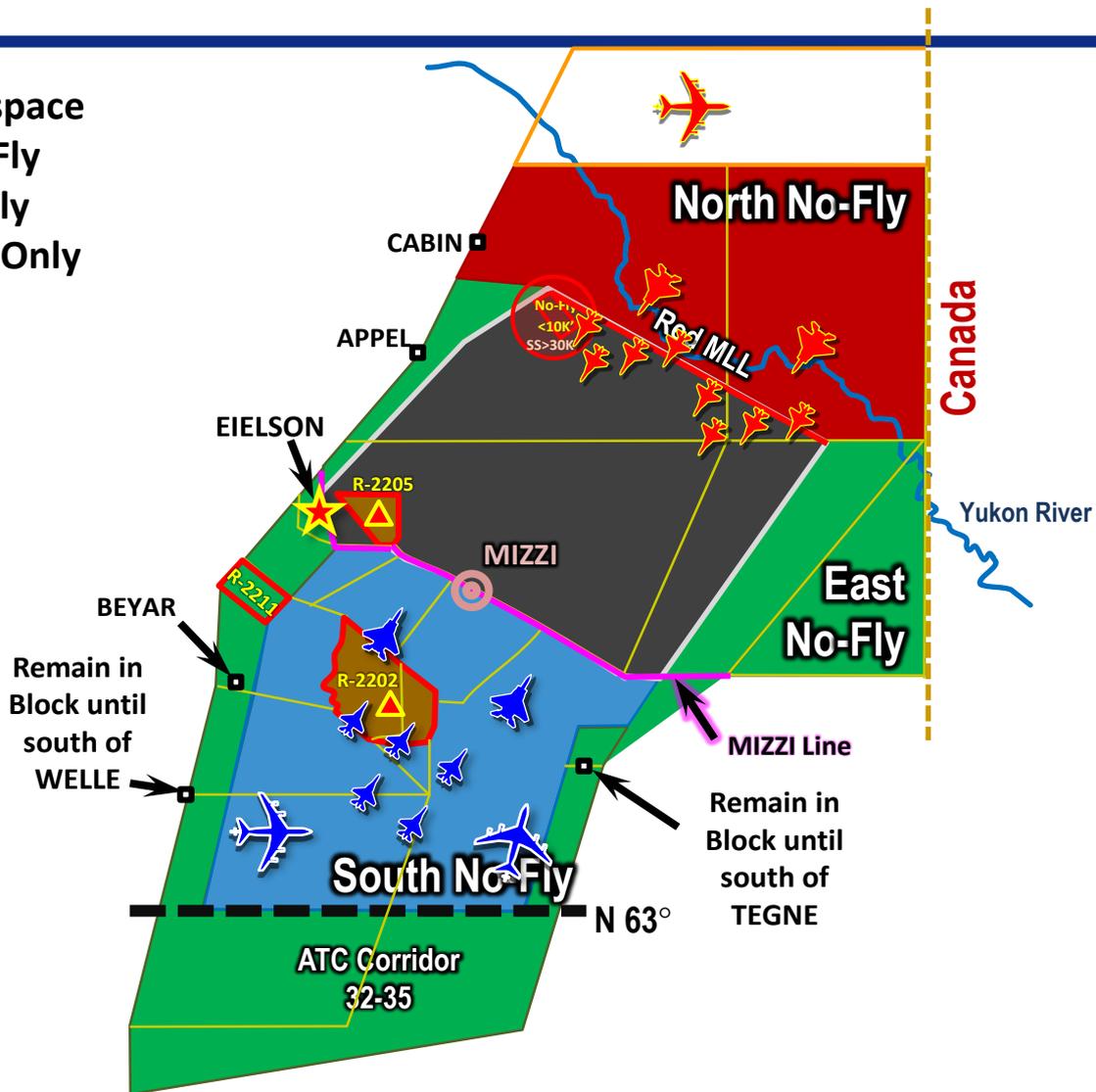




Future DCA Airspace



- Fight Airspace
- Blue No-Fly
- Red No-Fly
- Dep/Rec Only

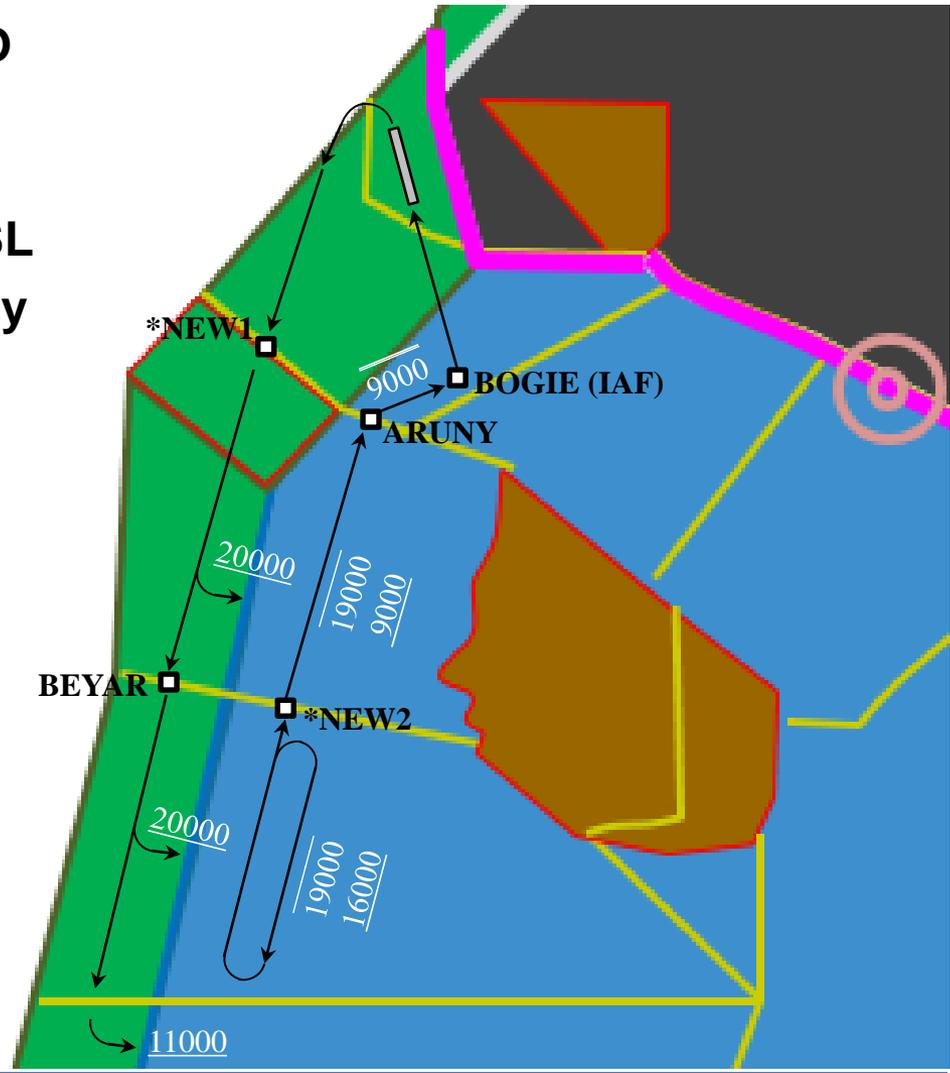




Rwy 32 Departure/Recovery



- Departure similar to ARUNY TWO
- Remain below 1500' MSL until departure end of runway
- Expect initial altitude of 7-9K' MSL
- Cleared into Red Flag Airspace by ZAN prior to *NEW1 (R2211)
- Be $\geq 20K'$ MSL or south of FOX 1 MOA prior to exiting departure corridor
- C2 establish RTB sequencing prior to *NEW2
- Be $\leq 9K'$ MSL at ARUNY to be under RF-A airspace
- Proceed to Bogie for ILS 32

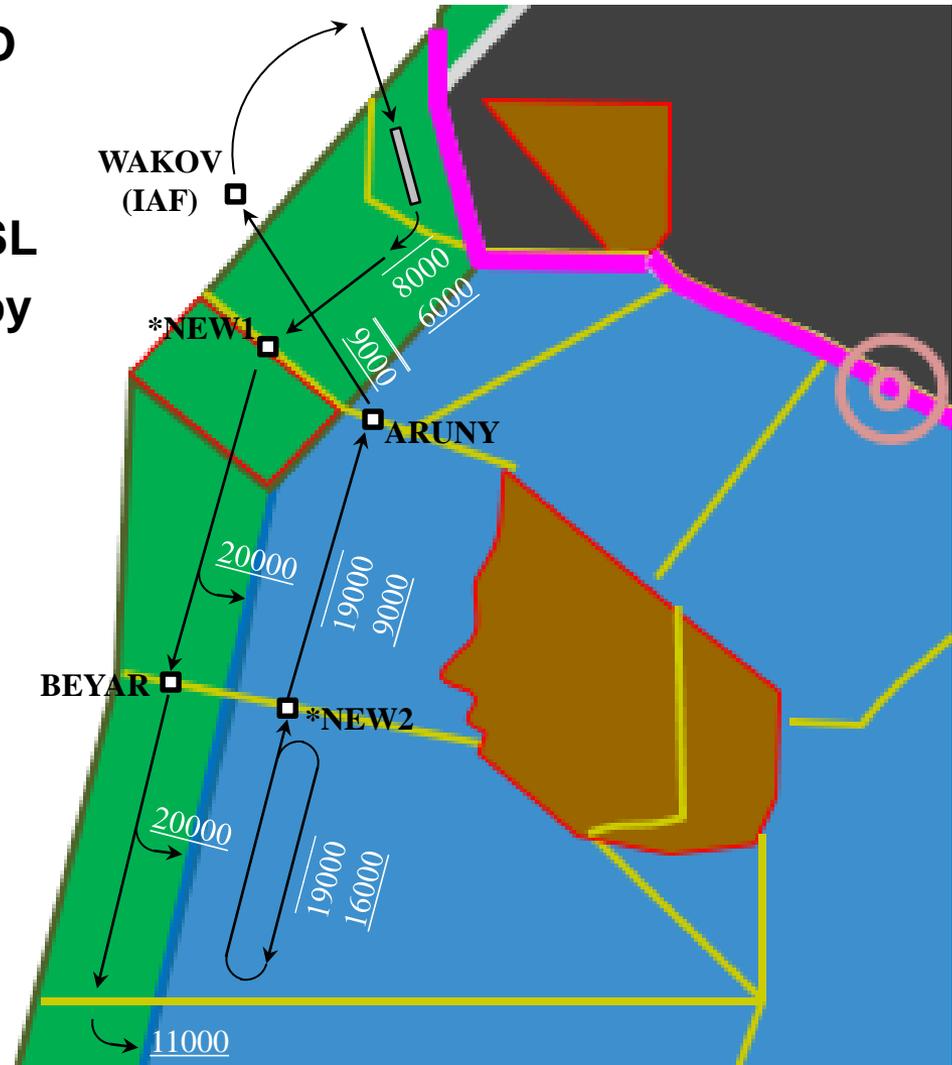




Rwy 14 Departure/Recovery



- Departure similar to ARUNY TWO
- Remain below 1500' MSL until departure end of runway
- Expect initial altitude of 6-8K' MSL
- Cleared into Red Flag Airspace by ZAN prior to *NEW1 (R2211)
- Be $\geq 20K'$ MSL or south of FOX 1 MOA prior to exiting departure corridor
- C2 establish RTB sequencing prior to *NEW2
- Be at 9K' MSL at ARUNY to be under RF-A airspace and above departures
- Proceed to WAKOV for ILS 14





Questions



Integrity - Service - Excellence



Overview of 40-Mile Air Operations in JPARC Airspace

JAKE COMBS, CHIEF PILOT

NOVEMBER 07, 2016

Who we are

- ▶ Based in Tok
- ▶ Serving the eastern Interior:
 - ▶ From the Canadian border to Fairbanks
 - ▶ Alaska Range, Wrangell mountains, Yukon-Tanana upland
- ▶ Year around operation
- ▶ Fleet of 12 aircraft
- ▶ Staff of 15 - pilots, mechanics, & management



Nature of operations

▶ Aircraft fleet:

- ▶ Super cubs – 5
- ▶ Cessna 206 – 3
- ▶ Cessna 207 – 1
- ▶ Cessna 185 – 1
- ▶ Navajo – 1
- ▶ R-44 - 1

▶ Scheduled service:

- ▶ Tok-Healy Lake-Delta-Fairbanks
- ▶ Tok-Chicken
- ▶ Tok-Chisana
- ▶ Tok - Northway



Charters

- ▶ Support to lodges and remote areas
- ▶ Basic transportation for:
 - ▶ State and federal government agencies
 - ▶ Utility companies
 - ▶ School district
- ▶ Medivac
 - ▶ Tok or other remote communities to Fairbanks/Anchorage



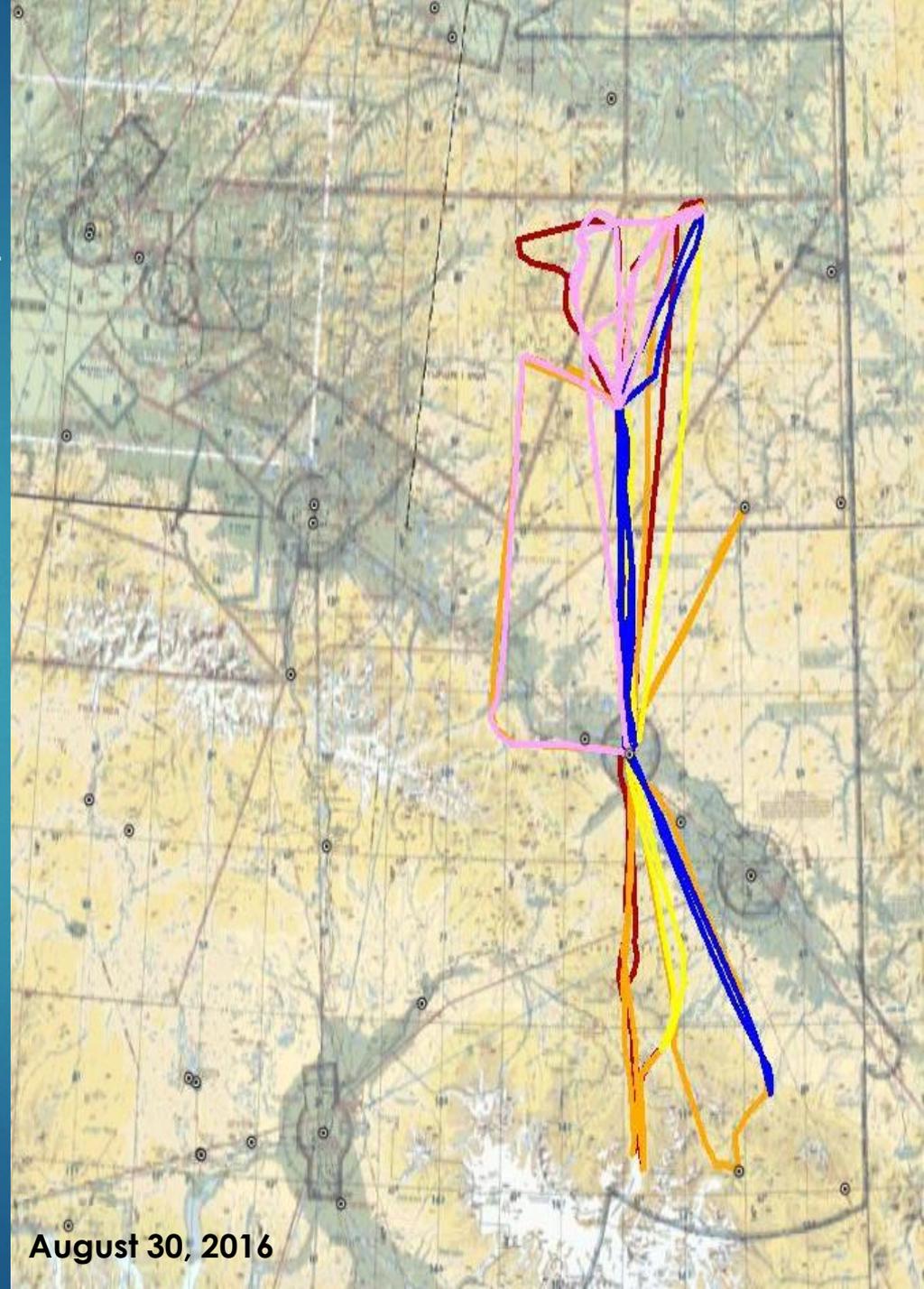
August 29, 2016

Hunting/Outdoor Support

Hunting season is our **Major Flying Exercise**

- ▶ August-September
- ▶ Highly variable due to weather
- ▶ Graphic represents one day's operations
- ▶ Six aircraft logged 2,881 n miles

- ▶ Mountain climbers
- ▶ Float trips
- ▶ Hikers



Game Surveys

- ▶ Conducted throughout the year
 - ▶ Spring – wolf surveys
 - ▶ April/May – game capture work
 - ▶ Year-around – caribou monitoring
 - ▶ June – caribou photo census
 - ▶ July – sheep surveys
 - ▶ Oct/Nov – moose collar/survey

2016 Caribou Survey Flights
Days/Month

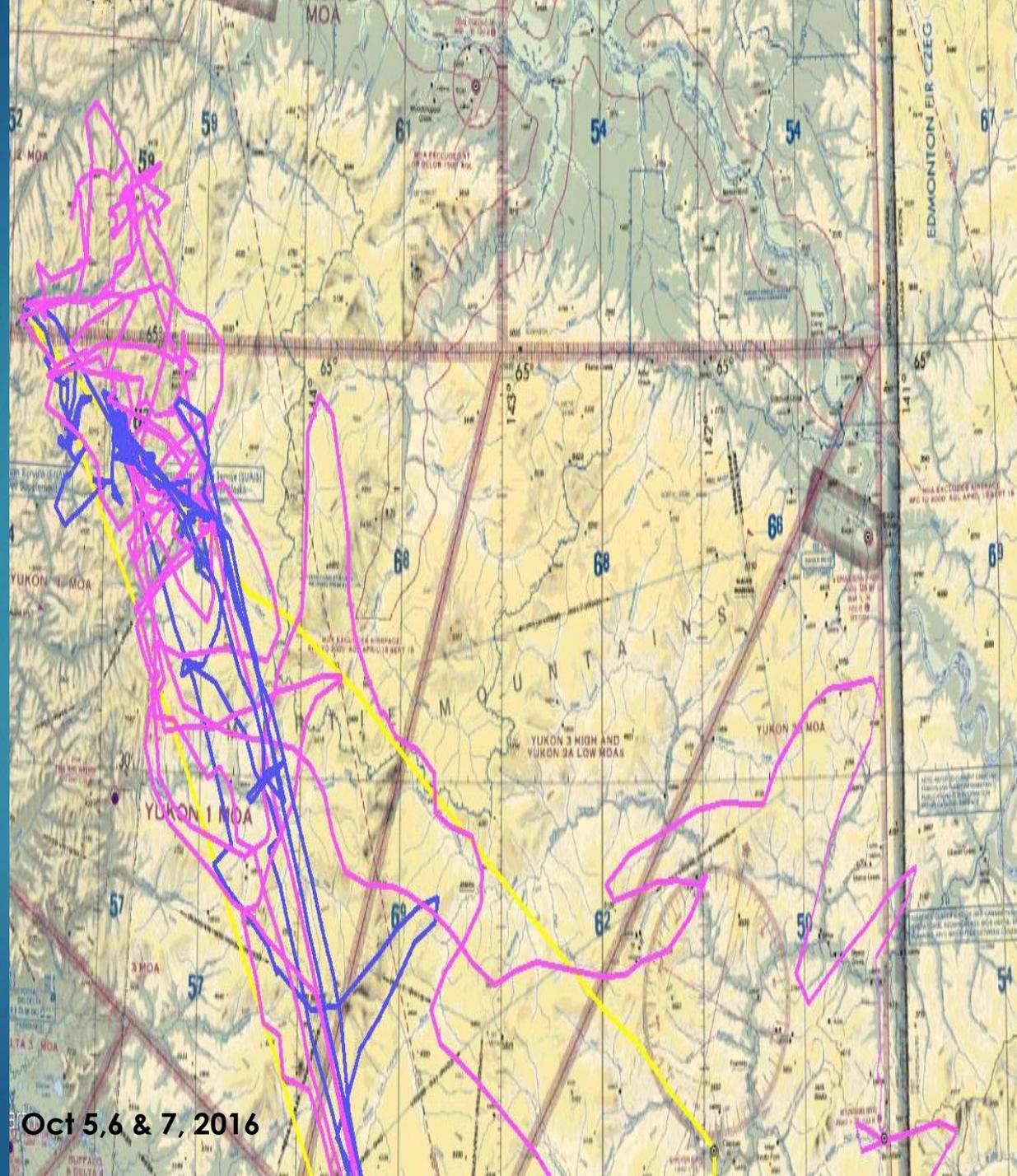


Survey Flight

▶ Flight Scenario

- ▶ Direction driven by telemetry
- ▶ Altitude varies during flight

- Survey tracks represent in excess of 2,568 n miles
- Altitudes ranged from surface to 13,000 ft MSL



Oct 5, 6 & 7, 2016

Issues

- ▶ Ability to reposition to Tok after medivac flights to Fairbanks
- ▶ Utility of Special Use Airspace Information Service:
 - ▶ Lack of radio communication with Range Control
 - ▶ Area where you can't talk to Range Control
 - ▶ No recorded message to confirm status and future activity
 - ▶ Feedback from Range Control during Red Flag and other exercises
 - ▶ "hey, it's busy out there"
 - ▶ Is there a better way to deconflict during Red Flag?

ALASKA CIVIL MILITARY AVIATION CONCIL



Integrity - Service - Excellence

OPEN FORUM



ALASKA CIVIL MILITARY AVIATION CONCIL

Two F-16 fighter jets are shown in flight against a clear blue sky. The jet in the foreground is light blue and has 'AF BG' visible on its tail. The jet in the background is black and white. Both jets are equipped with various missiles and pods.

CLOSING COMMENTS

Col Lars Hubert



Next ACMAC

**Tentative: Tues, 18 Apr 2017
0930-1230**

Inputs to: alaskamilitaryairspace@us.af.mil