

# 27th Annual National Test and Evaluation Conference

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Commercial Air Services  
RDT&E Program Manager



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# NAWCAD Commercial Air Services

## NAVAIR/NAWCAD CAS Teaming

Contract Industry

Fleet Training

Foreign Military Sales Support

RDT&E

NAVAIRSYSCOM PMA-207 CAS concentrates of OP4 (Opposing Force Training) for the fleets. EW training, target towing, JTACT, and Airborne tanking

NAWCAD CAS supports FMS and RDT&E tasking for DoD.

F-18

E-2C/D

Mode 5

MIT (Advance Radar)

NRL

RAAF

Canadian Forces

RAF

ARROW Program

# Contracted Aircraft



**F21C2 Kfir**

**6 aircraft split between NBVC Pt Mugu, CA and Newport News, VA**



# **MK-58A Hawker Hunter**

**12 aircraft spread from Newport News, VA to NABVC Pt Mugu, CA to Kanenhoe, HI to Atsugi, Japan**





# **A4 Skyhawk**

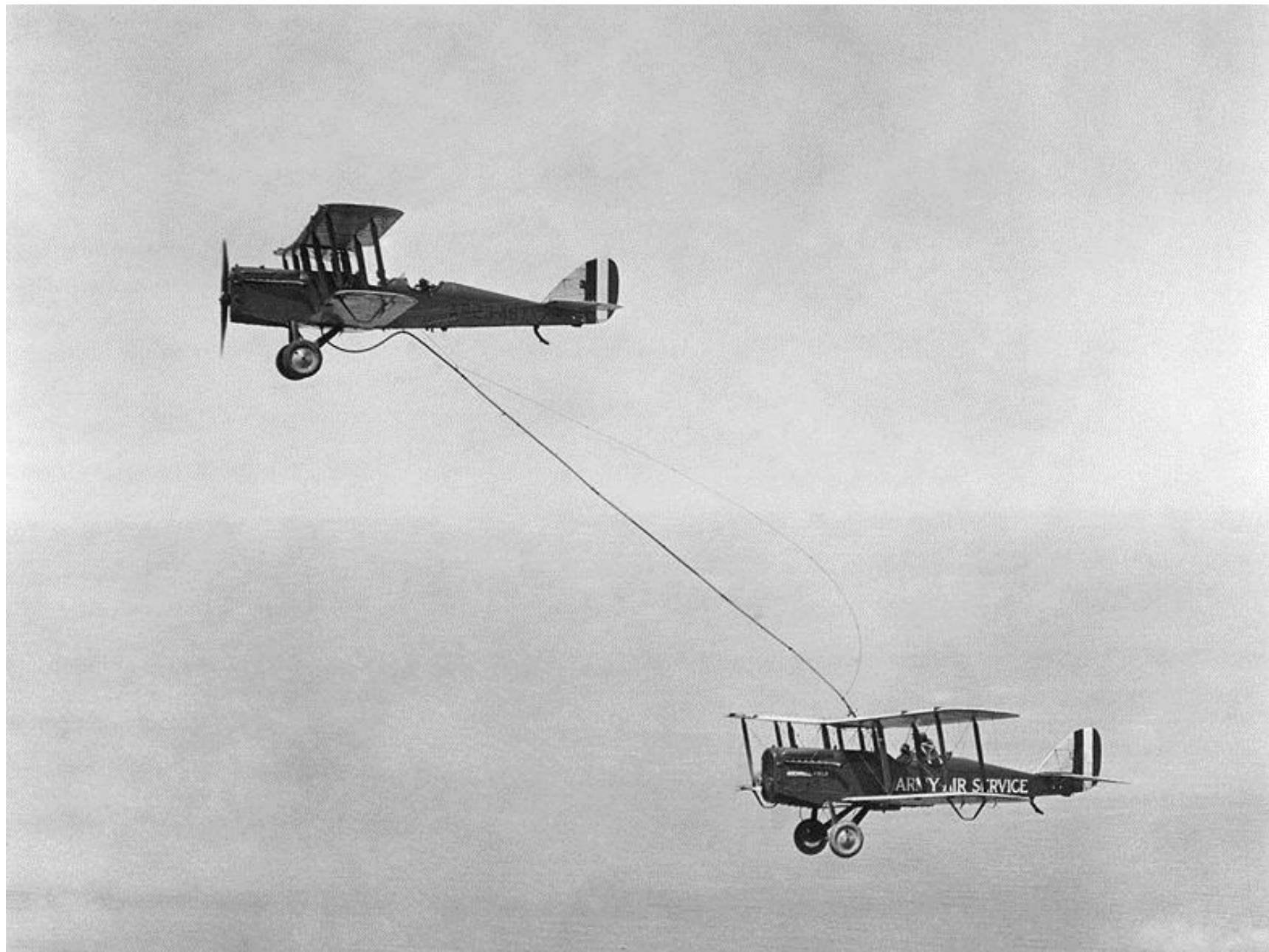
**4 aircraft split between NBVC Pt MUGU, CA and Newport News, VA.**



# **G3 and G2B Gulfstreams**

**Cartersville, GA.**

**Utilized primarily for Range Clearing**







# **K-707 Commercial Tanker** **2 Aircraft – Global Support**



# S-61N

**2 Helicopters operating out of  
Pacific Missile Range Facility, Barking Sands, Kauai, Hawaii**



# **G-1 Gulfstream**

**2 Aircraft - Standoff Jamming Based out of Cartersville, GA**



# **Learjet 36 and 36ER (Extended Range)**

**13 Aircraft - Located at North Island , San Diego, CA (5) and Newport News, VA. (8)**



# Turboprops

**2 aircraft operating out of Newport News, VA and North Island, San Diego, CA**



**61 AIRCRAFT 9 DIFFERENT TYPES**

# LEAR RDT&E AIRCRAFT



# LEAR GENERIC EQUIPMENT RACK





# LEAR BUZZER AIRCRAFT



# LEAR NOSE ANTENNA MOUNT



# LEAR TAIL ANTENNA MOUNT



# LEAR RDT&E MODIFICATIONS

- Mission Power (9KVA, 60 Hz, 28VDC)
- Dual ARC-164 Cockpit UHF Radios
- Military ARN-118 TACAN System
- TSPI Data (GPS position, pitch, roll, heading, altitude)
- GPS Antenna Splitter (1x4)
- Operators ARC-182 VHF/UHF radio
- D Band Antennas (5 ea)
- C Band Antennas (3 ea)
- Nose and Tail Antenna Cabling and Locations
- Tracking Beacon Antenna
- Port and Starboard Wing RF Cabling
- Generic 19" Equipment Racks
- Divan Rack Test Equipment

# LEAR RDT&E SYSTEMS

- Military IFF (APX-72 and APX-123)
- IFF Buzzer (nose and tail)
- B Band Buzzer (nose and tail)
- GPS Buzzer (nose and tail)
- DRFM (nose and tail)

# **RDTE CAS support:**

- **A central point for air assets**
- **Available To Government Agencies And Civilian Contractors Supporting Government Projects**
- **Accessible To Allied Forces**
- **OPSEC Capable**
- **Extensive Electronic Warfare Experience In Military Training, and supporting RDT&E projects**
- **29 Years Experience Working With The FAA, Contractors, and DOD**
- **FAA Certification**
- **Airworthiness oversight.**
- **Engineering Oversight Office**
- **Worldwide Support Capabilities**
- **Aircraft Airframe And Avionics Modification To Meet Project specifications**
- **In-House Or Can Access: EA / ECM / Threat SIM / Chaff Pods, Tow Targets, Prototype EW Systems**





**QUESTIONS**



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