

**Dryden Monday Management Meeting (DM3)**  
**September 12, 2011**

**X/Director — David McBride**

- **9/11 10th Anniversary Commemorative Program on Tuesday 9/13** -- As announced in a "NASA\_INC" message to all employees last Thursday afternoon, a special program to commemorate the 10th anniversary of the Sept. 11, 2001, attacks on America will be held at the NASA headquarters auditorium on Tuesday, Sept. 13, from 6 to 7 a.m. PDT and broadcast live on NASA Television and the Web.
- All NASA employees are invited to join Administrator Charlie Bolden in celebrating National Preparedness Month at the Emergency Preparedness Forum on Tuesday, Sept. 13, at 2 p.m. EDT / 11 a.m. PDT. The program will be held at NASA Headquarters and broadcast on internal channels at HQ and the Centers. NASA Dryden employees may view the forum live on Ch. 23 of the Dryden internal TV network, or on Ch. 8 of the EZTV system if installed on their computers.

**Reminder:**

Dryden will have two events in Celebration of the Shuttle Program:

1. Shuttle Operations Team Luncheon will be held on September 14 – by invitation only.
2. Dryden's annual Employee Appreciation Luncheon will be held Thursday, Sept. 15 from 11:00 a.m. to 12:30 p.m. in the Shuttle Hangar and will feature tri-tip and baked chicken.

**X/Deputy Director — Patrick Stoliker**

- Driving and Speed Limits – Speed limits on Edwards Air Force Base are posted and should be carefully observed, as is also true on Dryden Flight Research Center. Speed limits on base are strictly enforced by military police and you WILL receive a ticket.

**X/Director, Dryden Aircraft Operations Facility (DAOF) — Steve Schmidt**

**General**

- DAOF activities are dynamic – be vigilant and practice situational awareness when working or visiting the facility
- The DAOF Safety Video is available on the Xnet for employees to view.
- B-703 evacuation assembly point is the trailer located in the southwest parking lot
- Orientation and individual safety briefings are available for new and or reassigned employees to the DAOF. Contact Ralph Anton, Etasha Arnold, or Sandy Meske

**Construction**

- Multipurpose Lab occupancy continues to wait on fire alarm design approval and testing by L.A. County Fire Department. NASA is looking into Authority Having Jurisdiction (AHJ) granting temporary occupancy approval per NASA-STD 8719.11
- Construction on Cryogenic Storage unit began Aug 8 and is expected to complete by Sept 26

**Facility Engineering Support**

- Prime contractor reviewed ORR findings and has initiated corrections to findings

- Procurement package for design of Airborne Science Lab modifications was released Sept 6
- Acquisition activities for upgrade of 20 Ton Overhead Crane was initiated on Aug 16 and award is estimated on or about Sept 23
- DAOF/JPL team has been formed to look at the possibility of using B-702 as a joint storage facility

#### **Flight Operations**

- Supported NAMIS Work Card CCB
- Conducted weekly hangar inspection
- Supported meeting at JPL to discuss joint storage solution
- Supported Stand-Alone NAMIS Test #2
- Attended Fuel Tank Placement meeting

#### **Safety, Health and Environmental**

- Facilitated Confined Space and Respirator Fit Test Training for SOFIA
- Reviewed SOFIA confined space entry procedures
- Monitored activities for construction of cryogen storage sheds
- Provided demonstration training on M40 Multi-Gas monitors
- Monitored job walk for LMR Antenna roof work

#### **Quality Assurance**

- Performed receiving inspections on aircraft parts for all DAOF aircraft
- Participated in preflight and post flight activities on all DAOF aircraft
- Participated in ongoing Phase Inspection on ER-2 #809
- Witnessed functional testing of antenna assembly for C-20 pod at JPL

#### **Information Technology**

- Labeled and documented fiber route from TR1.1N to building 725 where the fuel farm security camera is being installed
- Completed door side terminations and hardware installation for the second door Multi-purpose Lab and first floor Lab 2 and 5

#### **Other**

- Sept 7 – Brown Bag Discussion with DAOF Director
- Sept 8 – Center Director’s Town Hall at DAOF

#### **XM/Associate Director for Mission Support — Gwen Young**

- Congratulations to Louise Boyd and LaVonne Bour for completing their training for the Lean Six Sigma Green Belt certification. The Center now has 4 certified Green Belts with Keith Williams and John Wonacott.

#### **Exchange Council — Roberta Sherrard**

#### **The Gift Shop will be closed from 11:00 – 1:30 on Thursday, September 15**

#### **Employee Exchange FY12 Budget**

The Employee Exchange is accepting Budget Requests now through September 28<sup>th</sup> for Fiscal Year 2012. Submissions must be done using form D-WK 74-1 found in the forms portal.

Submit your forms via interoffice mail to Christopher Johnson, Building 4800, Room 1013 or via fax at X2836.

**Upcoming Events:**

**Thursday, Sept 15, 11:00 am – 12:30 pm - Employee Appreciation Luncheon and ELT Dunk Tank –**

**Reminder: Must present free meal ticket to receive lunch**

Dryden’s annual Employee Appreciation Luncheon will be held Thursday, Sept. 15 from 11:00 a.m. to 12:30 p.m. in the Shuttle Hangar and will feature tri-tip and baked chicken. Dunk tank fundraiser is \$2 per ball or three balls for \$5 (cash only) with proceeds benefitting Exchange Council activities. The following dunk tank schedule is subject to change: 11:00 Gwen Young; 11:08 Steve Schmidt; 11:16 David Samuels; 11:24 Brad Flick; 11:32 Rob Binkley; 11:40 Dennis Hines; 11:48 Dave Wright; 11:56 Sean McMorro; 12:04 Pat Stoliker; 12:12 Vince Chacon; 12:20 Val Zellmer; 12:28 Jim Smolka. The following dunk tank schedule is subject to change. This event is sponsored by the Executive Leadership Team and the Employee Exchange Council. Note: High-heels, sandals, open-toe and flip-flops are prohibited in hangars and shops.

**Mark your calendar:**

**Thursday, October 27, Peer Awards Ceremony and Fall Festival/Chili Cook off**

**Thursday, December 8, Children’s Holiday Party**

**Friday, December 9, Dryden Holiday Party**

**Saturday, October 1, Six Flags Private Party, 6 P.M. to Midnight** – This special Six Flags Magic Mountain event is closed to the public. Only 6000 tickets will be sold. You can purchase your tickets at the DAOF & DFRC gift shop. Tickets for \$24.99 each include admission only. Ticket for \$34.99 each includes admission plus all-you-can-eat buffet meal (cheeseburgers, hot dogs with chili, baked beans, tossed green salad, twin pops and unlimited soft drinks.

**Free parking after 5 P.M. - \$5.00 service charge per order - Children 2 and under free**  
**NOTE:** (season tickets not honored at this event, no ticket sales at the gate, does not include Hurricane Harbor)

**“Picture This” Contest theme for September is “Nature”** – Place a photograph on the display board in the entrance to the Dryden Gift Shop. Entry deadline: September 23, 2011 – this is the last month for the “picture this” contest. Look for the calendar coming out this winter.

<http://xnet.dfr.nasa.gov/EmployeeInfo/Exchange/council.html>

**Other Items of Interest:**

**Dryden & DAOF Gift Shop Sale, Sept 12 – Sept 16, \$10.00 off all models priced \$60.00 and above**

**Employee Discount Providers** - Please check the Employee Discounts <http://xnet.dfr.nasa.gov/EmployeeInfo/Exchange/discounts.html> for a current list of businesses offering discounts to Dryden employees.

**S/Safety and Mission Assurance — Vince Chacon**

**LAST WEEK:**

- Summary of Incidents during 9/5/2011 thru 9/9/2011

There were no injuries or incidents reported this week

**THIS WEEK:**

- Aviation Safety Cultural Survey – An initial email was sent to individuals who will be asked to take the survey. For the most part this is Code O, its supporting contractors, and Code SQ. If you did not receive the initial email (from Larry Lapeer) or do not receive the email on September 12 giving you the instructions for the survey, please contact Bart Henwood at extension 5746. (**Note:** This survey is separate from the NASA Safety Cultural Survey that will occur in October).

- Aviation Quarterly Safety Meeting scheduled for today, September 12, in the ISF from 2:00 p.m. to 3:30 p.m. This is a combined aircrew and maintenance session.

- Quality and Safety Achievement Recognition (QASAR) Awards: Request for Nominations Due September 16, 2011

Nominations for the QASAR Award which promotes quality, safety, leadership, productivity, performance, teamwork, and improvement throughout NASA are requested. Information regarding the QASAR categories, requirements, and timeline is available on the Xnet. Additional questions may be directed to Miriam Rodon at extension 3647.

- Kudos

Congratulations to Safety Star recipients:

- Harry Miller and Steve Spandorf, code SQ, Thanks for taking action and quickly reporting the R22 Freon that was left exposed to direct sunlight outside of building 4840. Thanks to Nick Kiriokos for “paying it forward” and helping promote the safety star program.

**F/ Office of Facilities Eng. & Asset Mgmt. — Dan Crowley**

**LAST WEEK:**

**Major Issues that Were Corrected Last Week:**

- B4800 Chiller # 2 – Repairs were completed and returned to service

**After Hour Responses and Weekend Callouts:**

- B703 – Parking lot flooding and rainwater intrusion under building doors into the hangar and Life Support areas occurred on Saturday, September 10, 2011 due to heavy rains. Floors were dried. Vehicle gate is inoperable
- B4800 and 4838 – HVAC chiller failures due to brief power disruptions affected the WATR and DAF Server Room on Saturday, September 10, 2011. B4800 chiller and cooling tower water pumps were restarted. B4838 chiller restarted automatically

**THIS WEEK:**

- **Outages and Closures:**

- B4808W, 4809, 4810, 4827, & 4804 and the aircraft parking area – Electrical outage is scheduled for Friday, September 16, 2011 at 4:00 pm through Sunday, September 18, 2011 at 4:00 pm. POC Andrew Boykin x2340
- B4824, 4870, 4876, 4828, 4852, 4854, 4857, 4832, 4850 & 4851 – Electrical outage is scheduled for Friday, September 16, 2011 at 4:00 pm – 5:00 pm. POC Andrew Boykin x2340
- B4838 – UPS electrical outage is scheduled for Wednesday, September 14, 2011, from 4:30pm – 8:00pm, to by-pass and power down UPS to clear faults. Possible but

unlikely disruption of power to the building could cause Center-wide (including DAOF) loss of IT, VOIP, and Internet Services. POC Dan Eason x2078

- B703 – Electrical outage is tentatively scheduled for Saturday, September 17, 2011, from 7:00am – 4:00pm, to install electrical metering modules in four electrical substations. Complete power outage to the entire facility will occur. Air conditioning cooling tower maintenance will also be performed during this outage. This outage is dependent on SOFIA’s deployment to Germany. POC Dan Eason x2078
- B703 – Fire alarm control panel outage is extended until Monday, September 12, 2011, at 4:00pm, to accommodate LAWA fire pump maintenance. This outage may require extension through Friday, September 16, 2011. POC Dan Eason x2078
- **Property Inventory:**
  - FY11 Physical Inventory Update:
    - As of September 9, 2011, there are a total of 43 of 7,800 items unaccounted for, at a cost of \$365,585. POC Jean Manning x2590
- **Energy Management:**
  - Join the Dryden Green Team Today!  
Dryden is seeking accomplished and creative individuals to form an all new “Green Team”. The team is being formed to conceive and build an innovative conservation program scheduled to debut in January 2012. The program will focus on recycling, energy, and water conservation. Learn about national sustainability goals and environmental issues. Join now; interact with senior managers and be part of a team to dramatically transform Dryden’s future. Contact Jennifer Gocke at x2909, or John Torres at x3739 for more information

## **PA/Aero Projects — Joe Piotrowski**

### **Aeronautics Test Program (ATP)**

#### **Flight Operations and Test Infrastructure (FOTI)**

- Subsonic Research Aircraft Testbed (SCRAT): OR fabrication progress is slow-this is our biggest schedule risk. Gulfstream routine eddy current inspection of the aircraft’s structure was completed-no defects.

### **Fundamental Aeronautics Program (FAP)**

#### **Hypersonics (HYP)**

- General: Version 0 of the FY12 discipline plans have been delivered to DFRC for review. The next revision is in progress.
- Structurally Integrated Thermal Protection Systems (SITPS): The internal review of the shear tests is scheduled for this week. Fabrication of torsion testing hardware continues in the shop, however, due to the large workload, delivery may be delayed. The team is investigating whether the AF shop might be a possibility to provide the needed hardware on time.
- Hypersonic Technology Vehicle-2 (HTV-2): The team continues to support the Flight 2 engineering review board by performing Parameter Identification (PID), aero thermal, and trajectory reconstruction analyses over the next 6 months. The team is developing FY12 and FY13 scenarios work to present to the TMB.

#### **Supersonics (SUP)**

- General: The SUP leadership team reviewed the Version 0 FY12 (technical) discipline plans last week. The technical leads will be making adjustments and additions. The Dryden FY12 SUP implementation plan continues to be developed by the DPMF.
- Channel Center-body Inlet Experiment (CCIE): Next research flight still undetermined due to research aircraft maintenance issues.
- Airborne Schlieren Imaging System (ASIS): Wiring inspection on the carrier aircraft, F/A-18 846 continues this week.

#### **Aviation Safety Program (AvSP)**

##### **Vehicle Systems and Safety Technologies (VSST)**

- General: FY12 technical task planning continues.
- Hybrid Integrated Linear Electro-Mechanical Actuator Project (HILEAP): In support of formulation activities, continuing discussions with AFRL for potential partnership opportunities. Coordinating resource estimates to support HILEAP with SSAT.
- Vehicle Integrated Propulsion Research (VIPR): VIPR Phases 2 & 3 kick-off meeting was held at AFRL last week. Participants included NASA DFRC, GRC, LaRC, AFRL, AFMC, Boeing, P&W, and FAA. Discussions focused on potential research objectives and resources for each organization.
- Full-Scale Advanced Systems Test-bed (FAST): The team continues to close-out some Boeing contract work and perform de-scoped FAST held requirements verification. The project personnel are also executing orderly shut-down activities to be completed by the end of Sept.

#### **Integrated Systems Research Program (ISRP)**

##### **Environmentally Responsible Aviation (ERA)**

- General: The project team continues to refine FY12 and out year resource requirements for both the Discrete Roughness Element Laminar Flow Glove Experiment (DRE LFGE) and the Adaptive Compliant Trailing Edge Flap (ACTE) projects. Resource requirements due to the ERA Project team this week.
- X-48B: Due to reliability and performance issues, the team has scrapped development of the turbo-fan engine and will be using AMT Titan turbo-jet engines for the X-48C. Upcoming flight testing of the new engine on the X-48B+ (X-48 with the center turbo-fan engine) has been eliminated. The team is now focusing exclusively on completing development of the X-48C with first flights planned for next spring.

##### **Unmanned Aircraft Systems (UAS) Integration in the National Airspace System (NAS)**

- Integrated Test and Evaluation (IT&E): Received the Alienware laptop that will communicate with the ADS-B unit and provide a Google Earth 3D traffic display to the UAS pilots. Integration tests with a Garmin GDL-90 ADS-B unit continue in the Code RI lab. The GDL-90 unit and a serial data converter are being tested this week in the environmental lab for low temperature operability in accordance with DCP-O-018 Environmental Acceptance Testing.

#### **Non-Aeronautics Test Program (N-ATP) Research Aircraft & Infrastructure**

- F-15B TN 836: Aircraft is undergoing an engine change and will begin inlet troubleshooting this week. The next flight will not occur before late next week.
- F-18 TN 853: Aircraft continues in modification for the TCAS system.

#### **AMD Upcoming Events:**

- Sept 13: IT&E will participate in project meetings with the FAA's Air Traffic Organization and the Aviation Safety Office-Unmanned Aircraft Program Office (UAPO) in Washington, DC.
- Sept 14-15: IT&E will participate in project meetings with the FAA Technical Center in Atlantic City, NJ.
- Sept 20: IT&E will participate in a Dryden site visit by the Air Force UAS Airspace Integration Office to discuss collaboration opportunities with the Ikhana Project.

**PE/Exploration Projects — John Carter**

- Sierra Nevada Corp Space Act Agreement and Annex 1 signed
- Currently working Annex 2 – flight test support, X-34 landing gear, and F-18 in-flight simulator

**OCT Flight Opportunities Program**

- Flight Opportunities Program and Project management attended Earth Sciences Commercial Suborbital Vehicles Workshop at GSFC this week. The workshop provided a forum for an interchange between commercial suborbital flight providers and earth scientists. The meeting was well-attended. Six commercial suborbital flight providers, several scientists, and NASA SMD and OCT Program management participated in the workshop.

**Multi Purpose Crew Vehicle (MPCV) program**

**Orion Flight Test – 1 (OFT-1):**

- DFRC representatives attended an OFT-1 Development Flight Instrumentation (DFI) radiation effects Technical Interchange Meeting (TIM) with Lockheed Martin and Johnson Space Center (JSC) representatives to discuss test priority, test plan development, failure implications, and risk assessment and mitigations for radiation effects testing. DFRC is supporting MC Data Acquisition Unit (MCDAU) test setup and hardware buildup, including wiring harness fabrication. Lockheed Martin has signed up to support testing of the OFT-1 Flight Data Recorder. Currently 14 of the DFI TTC modules have been identified as containing components that are susceptible to radiation effects. The next round of radiation effects tests at Indiana University are currently scheduled for 1 Nov. Additional testing of the Flight Data Recorder memory module is planned, the exact date is TBD.
- Supported Orion Vehicle Integration Team (OVIT) meetings on the OFT-1 Thermal Protection System Backshell Temperature Mitigation Plan, and a Technical Review for an Orion Engineering Review Board (ERB) on the Orion Test Labs Configuration.
- Continued work on the revised OFT-1DFI MCDAU test configuration and wiring diagrams to support radiation effects testing for the OFT-1 DFI.
- Continued support of OFT-1 Master Measurement List (MML) updates and sensor selection.

**PS/Science Projects — Bob Curry**

**ON-SITE THIS WEEK**

**Global Hawk**

- Second flight for Hurricane and Severe Storm Sentinel (HS3) is scheduled for Tuesday, 0800 takeoff and 23 hour duration. Mission is dependent on science decision regarding Ku issue.
- Aircraft in the loop testing of the Global Hawk Mobile Operations Facility (GHMOF)

**DC-8**

- Aircraft is undergoing maintenance and other preparations for Operation Ice Bridge, instrument upload is scheduled to begin on Sept 19, Tech Brief on Sept 20.

**ER-2**

- TN 809 – Extended maintenance
- TN806 – Maintenance line items

**G-III (C-20) UAVSAR**

- Complete hush kit installation
- Engineering flight

**UPCOMING EVENTS:**

**DC-8**

- Sept 19: Operation Ice Bridge deployment upload begins
- Sept 20: OIB Tech Brief
- Oct 9: OIB Departure
- G-III (C-20) UAVSAR
- November 2: Soil Moisture local mission coordinated with ER-2

**ER-2**

- November 2: Soil Moisture local mission coordinated with G-III (C-20)
- Mid-January - Feb: Expected time frame for MR-TCDL flights, local flights only, no deployment
- Global Hawk
- October: ATTREX payload development flights (in EAFB range)
- Aug 2012: HS3 Wallops Flights

**OS/Shuttle Operations – George Grimshaw**

- Shuttle assets including facilities are still being used by the Shuttle Program in support of transition and retirement activities. They will be turned over to the Center for disposition during the next couple of years. Disposition activities are being managed by Code F, who will notify the Center as Shuttle assets become available for use by other organizations.

**LAST WEEK:**

- Shuttle transition and retirement.

**THIS WEEK:**

- Shuttle

**NEXT WEEK:**

- Shuttle transition and retirement.

**UPCOMING ACTIVITIES:**

- Shuttle transition and retirement.

**VISITORS**

**THIS WEEK:**

- KSC and JSC personnel on Wednesday and Thursday

**X/SOFIA — Eddie Zavala**

**MAJOR EVENTS:**

Last week:

- A number of optics/mirror specialists came to inspect the damage to the primary mirror as a result of the removal of instrumentation standoffs /tabs. Incorporating the recommendations provided to the SOFIA program by these specialists and during consult with the mirror manufacturer, all accessible tabs have been removed from the mirror using a special procedure that was developed to minimize any damage to the mirror material. However, 2 tab removal areas required that repair work by a mirror specialist be completed. 11 inaccessible tabs remain on the mirror. Mirror specialists have completed their inspection and have no concerns with the remaining tabs for the remaining Segment 2 science flights.

This week:

- Install GREAT on Sunday September 11, 2011.
- Primary Mirror resolution Mini-Tech will be held on September 12, 2011.
- Avionics check flight will be on September 12, 2011.
- Germany Deployment begins on September 16, 2011.

Future Events/Items of Interest:

- 9/18/11 - SOFIA Aircraft at German Aerospace Day in Cologne
- 9/19 to 9/23/11 - Astronomische Gesellschaft (AG) Conference in Heidelberg, Germany
- 9/22 to 9/23/11 - SOFIA Aircraft stopover to Joint Base Andrews
- 10/14 to 10/17/11 - SOFIA Aircraft Visit to Ames Research Center
- 10/21/11 – California Science Teachers Association (CSTA) tour of SOFIA at DAOF

**Z/Program Planning Office — John Del Frate**

**TMB:**

- None

**PMB:**

- None

**On-Site this week:**

- None

**Off-Site this week:**

- September 13, 2011 Test Wing/NASA Luncheon – J. Del Frate, M. Skoog

**Upcoming:**

- September 21-24 2011 Society of Experimental Test Pilots – T. Ginn, J. Budd
- September 26-29 2011 AIAA Space Conference, Long Beach – J. Del Frate

**Code Z / Reimbursable Projects**

**Automatic Collision Avoidance Technology (ACAT)**

**Next Week:**

- An ACAT brief to the JDPO in Washington, DC, is planned for September 21.

**Ikhana**

**This Week:**

- A site visit to Eielson AFB in Fairbanks is being planned for the week of September 12. Eielson is the planned staging site for MIZOPEX operations.

**Next Week:**

- The US Air Force Airspace Integration Lead will be visiting NASA Dryden, along with representatives from the Navy, Army, Air Force and the FAA on September 20 to assess the capability of Ikhana as a Sense and Avoid Testbed.

**Upcoming:**

- A Mini-Tech brief to provide management insight following the lost link incident will be scheduled at a time/date TBD in the future. No flights will be performed prior to this Mini-Tech brief.

**Boeing Phantom Eye**

**This Week:**

- The Phantom Eye Fueling & Engine Run Tech Brief is scheduled for Thursday, September 15.

**Next Week:**

- The Phantom Eye Engine Run is planned to start on Pad A (between the MDD and the lakebed).

**Small UAS**

**This Week:**

- No forecast activity.

**B/Project Support Office — Rob Binkley**

**MAJOR EVENTS:**

- Meeting with PAM3D
- High level RASSCAL network
- MUTT network continuation
- [853] FAST closeout
- Code B welcomes Tara Tveten as Code B's new employee

**OTHER ITEMS OF INTEREST:**

- For Help with ConWeb Issues, Please Contact:
  - x7766 or email us at: [dfrc-project-support-office@mail.nasa.gov](mailto:dfrc-project-support-office@mail.nasa.gov)
  - Concerto Web Site: <https://ccpm.ndc.nasa.gov>

**CCPM TIP of the WEEK:**

- If a task is experiencing a severe delay, please call the Help Desk @ x7766 to run scenarios regarding the impact of that delay to the project, this allows proactive project management and issue resolution

**R/Research Engineering — Brad Flick**

**THIS WEEK:**

- RA welcomes Devin Boyle, who is beginning his full-time conversion today.

- Chris Regan, John Bosworth, and Jim Lee/San Diego, CA – 09/11-09/16/2011, KU Short Course-Principles of Aeroelasticity
- Debra Randall, Dan Roth, and Jamie Willhite/Atlantic City, New Jersey – 09/13-09/16/2011, FAA Tech Center for UAS in the NAS technical interchange.
- John Baca and Cathy Davis - Stuttgart, Germany – 09/14-09/22/2011, SOFIA deployment (pending project decision).

**M/Mission Information & Test Systems Directorate — Sean McMorrow**

**MAJOR EVENTS:**

**This Week:**

WEDNESDAY NIGHT OUTAGE (Wednesday nights after 5pm is the normal weekly outage for system maintenance) This week the following system will be updated:

UNIX Server Critical OS Patching:

- a. Xnet
- b. General Compute Servers (CS3, CS4)
- c. FDAS-IN
- d. Public FTP Server

The Hazardous Materials Management System database will be migrated to the centralized Oracle infrastructure.

THURSDAY NIGHT OUTAGE:

The FLEXLM License Server will be upgraded to support MATLAB 2011b.

- Phantom Eye spectrum support
- MUTT spectrum support
- GH/KQ-X/science spectrum support
- IT security plan charges
- WSPR modem measurements
- DC8 OIB support
- Continue work on build 5.05 of 747SP sim (SOFIA) and porting to Debian Linux.
- Continue work on the SMA simulation.
- FLL
  - Photogrammatry System to Temecula – Tuesday thru Friday (Shoot a Bladder for a re-entry vehicle)
- SIM Tech Lab
  - SOFIA HIL – Fabricated mounting brackets for PDU
  - Set up of mobile sim in the RAV Lab

**Missions Scheduled:**

- Air Force Ground Tests – X-47
- CCIE Flight – F-15
- WATR SMO Survey – No A/C Type
- Waveform and Sonicboom Perception and Response (WSPR) Flight – F-18

**OTHER ITEMS OF INTEREST:**

- NASA's Office of the CIO is hosting an Agency town hall meeting to provide an update on the NASA I3P (IT Infrastructure Integration Program). The live broadcast

will seek to raise awareness about I3P, and will bring service executives and vendors together in one room to discuss the program. Experts will be able to provide answers to questions in “real time” (you must be in the ISF to ask questions). The event will be held Friday, September 16, 2011 from 10:00 – 11:30 am in the ISF, Bldg. 4825. NASA Television will also broadcast live coverage to DFRC cable channel 23 and EZTV Channel 8 (IPTV).

**TIP OF THE WEEK:**

- Beginning in March 2012, everyone at NASA will be required to revalidate their need for access to applications managed through NAMS on an annual basis. Revalidation simply means reviewing your registered accounts to verify that they are needed for you to perform your duties at NASA.
- You can perform a NAMS revalidation at any time by accessing: <https://idmax.nasa.gov> and selecting **Access Management**, then **Revalidate NAMS Accounts**. In addition to the annual requirement to revalidate account access, it is good practice to revalidate accounts whenever you change positions within NASA. This process should only take a few minutes.

**O/Flight Operations — David Wright**

**THIS WEEK**

- 747 SOFIA Telescope Check Flight, Mon.
- F-18 852/F-18 843 WSPR, Thu.
- F-15 836 CCIE/F-18 Wed. & Thu.
- F-18 843 Shuttle/ELT Luncheon Fly-By, Wed. & Thu.
- G-III 502 Engine Check Flight, Thu.
- C-17 20<sup>th</sup> Anniversary Flight, Thu.

**OFFSITE ACTIVITIES:**

- G-II 805 X-C Opa-Locka, FL for DC-8 sim, Tue.

**WEEKEND WORK:**

NASA 801, Phantom Eye, C20, SOFIA, Global Hawk (OR)

**X/Management Systems Office — Keith Williams**

**LAST WEEK**

- Keith Williams on jury duty Worked on the replacement application (ODIE) for the Dryden Document Library
- Continued the Aircraft Purchasing Office (APO) internal audit.
- Followed up on NQA finding’s corrective action plans.
- Worked on metrics for Code XP and processes.

**THIS WEEK**

- Keith Williams on jury duty
- Working on the replacement application (ODIE) for the Dryden Document Library
- Metrics team working with document POCs and process owners to develop process metrics (MSO metrics)
- Continue APO internal audit. Audit is taking more time due to busy schedules and workload. New target date for completing audit and draft report is September 30<sup>th</sup>.

•NQA auditor coming the week of October 17<sup>th</sup>. Continue working the NQA audit findings. Working with organizations that were called out during audit for less than stellar performance metrics.

#### **AGENCY DIRECTIVES STATUS**

The directives that are included in the August review period which begins Tuesday, Aug 30:

- NPD 1387.2G, Use, Control, and Loan of Lunar Samples for Public and Educational Purposes
- NPD 1400.2E, Publishing NASA Documents in the Federal Register and Responding to Regulatory Actions
- NPD 4300.4E, Reuse of NASA Program Materials for Official Awards and for Information Dissemination

Comments will be due to Cheryl Agin by September 22, 2011

#### **C/Office of Chief Financial Officer — Val Zellmer**

- Travel Vouchers (Regular and Extended) w/hardcopy receipts due to DCTO by 9/14 for guaranteed payment before year end
- Travel Vouchers for Foreign travel w/hardcopy receipts due to DCTO by 9/16 for guaranteed payment before year end
- Training forms for expiring and unexpiring funds due to HR by 9/13

#### **E/Equal Opportunity — Keri Eliason**

##### **Hispanic Heritage Month**

Please join NASA Dryden Flight Research Center and the Air Force Flight Test Center in celebrating Hispanic Heritage Month with the following events:

- September 21st – Children’s Library Reading (10:00 a.m. – 11:00 a.m.)  
September 28th – Luncheon from 11:30 am to 1:00 pm at Club Muroc. The guest speaker will be Richard J Loa, see his biography at <http://www.loalaw.com/about.php>. Tickets will be available soon.
- October 14th – Mini-Fiesta at the Stripes Lounge, 11:30 a.m. – 1:00 p.m. Event includes dancing demonstrations and lessons and dessert sampling!  
For tickets and additional information please contact Gaby Olson x2472.

Diversity & Equal Opportunity website:

<http://xnet.dfr.nasa.gov/Organizations/EO/index.html>

#### **H/Human Resource Management, and Dev Office — Patsy Smith**

#### **K/Education Office — Russ Claughton**

- This week Russ Claughton & Katrina Emery are attending the quarterly Agency Education Coordinating Committee meeting at NASA HQ.
- On Tues., 9/13, Sara Cutts and Alexis Harry will be conducting a workshop for teachers over Mass Vs. Weight on Wednesday afternoon. Russ Billings, Cecilia Cordova and Jenay Leach will be traveling down to Los Angeles Unified School District to meet with Beyond

the Bell afterschool program staff to go over the plan to date for an afterschool STEM education design challenge for grades K-12 students related to aeronautics.

- On Sat., 9/17, Russ Claughton and Alexis Harry will attend a teacher conference at the Arizona Science Center as part of their annual Back to School Resource Fair and Reception. Alexis will present a workshop to in-service teachers; there will be approximately 700-800 teachers from grades K-8 in attendance.

## **T/Public Affairs and Commercialization — Kevin Rohrer, Acting**

### **Last Week**

#### **\* Media on site**

- Video crew for the *Career Days* TV series, Entertainment Studios, Los Angeles, on-site at DFRC Sept. 7 for interviews with Hernan Posada and Lori Losey. Program is aimed at teenagers and pre-teens and is aired on KCAL-TV, Ch. 9, Los Angeles. Video crew to return later for interviews with USRA SOFIA science consultant Eric Becklin.

#### **\* Media products produced, issued or posted**

- News release, Curry/Thomson appointments to management positions.  
- Home page link, NASA Observes 10th anniversary of Sept. 11 attacks, posted 9/9.  
- Dryden blog, Al Bowers on more bird-like flight, with photos and video link, posted 9/8.  
- Feature story, NASA Global Hawks Prepare for 2012 Hurricane Study to Web 9/9 for posting 9/12.

#### **- Facebook and Twitter posts**

- TEDxNASA@SiliconValley - Al Bowers - Toward More Bird-Like Flight: Thinking Outside the Box  
- ARMD works to solve the challenges that still exist in our nation's air transportation system  
- This Week in Dryden's History - Sept. 7, 1947, The NACA Muroc Flight Test Unit received permanent status from Hugh L. Dryden, the NACA's Director of Research

#### **- Facebook stats**

- 1,534 monthly active users  
- 2,404 people like this  
- 4 wall posts or comments this week  
- 180 visits this week

### **This Week**

#### **\* Pending media products**

- Feature story, Dryden & space shuttle historical series, shuttle drag chute tests on NB-52B.  
- Media advisories on shuttle retirees program at Dryden 9/14 and NASA IMAX movies to be shown to middle-school students on 9/23.  
- Photo feature, AREES teachers tour of DAOF  
- Possible video segment for *This Week@NASA*, AREES teachers tour of DAOF.  
- Feature story, Dryden & space shuttle series, F-15B LIFT project.  
- Feature story, Global Hawk #872 checkout flights for HS3 mission  
- Feature story, Channeled Center-body Inlet Experiment  
- Feature story, NASA exhibit at Albuquerque Balloon Fiesta

### **Tours**

\* 9/13 Santa Monica Quiet Birdmen 42  
\* 9/13 California Science Center 3

### **Upcoming Events**

\* 10/1 – 11, Dryden has the lead on the 60x60 aeronautics themed NASA exhibit at the Albuquerque Balloon Fiesta. (POC Mary Ann Harness X3446)

### **Item of Interest/TW@Dryden**

\* TEDxNASA@SiliconValley – Video from the August 17 event have been posted to a YouTube account and are now available for viewing at the below web address. Videos include presentations by Al Bowers, Fayette Collier, Rogers Smith and many others. Based on early viewing statistics, Al's talk is by far the most popular with 660 views!

Congratulations to Al on a talk well done.

<http://www.youtube.com/user/TEDxNASA#g/c/74DC4D2389038DB0>

\* **9/11 10th Anniversary Commemorative Program on Tuesday 9/13** -- As announced in a "NASA\_INC" message to all employees last Thursday afternoon, a special program to commemorate the 10th anniversary of the Sept. 11, 2001, attacks on America will be held at the NASA headquarters auditorium on Tuesday, Sept. 13, from 6 to 7 a.m. PDT and broadcast live on NASA Television and the Web. Due to the early hour for West Coast employees, the program will be rebroadcast on NASA TV at 9 a.m. Tuesday.

The commemoration includes remarks by the administrator and deputy administrator, a New York first responder, several members of Congress, and former astronaut Frank Culbertson who was serving as Expedition 3 commander on the International Space Station on Sept. 11, 2001.

For NASA's remembrances of 9/11, see the special Web feature "NASA Remembers September 11th" at <http://go.nasa.gov/NASA911>

### **External Affairs – Cam Martin**

**AFFTC/95th ABW:**

#### **AFFTC Technical Research Main Library Closure – 14-20 SEP 11**

For more information, please contact Mr. Lance Wiscamb at 277-3606.

#### **Government Relations: Legislative and Intergovernmental Affairs**

#### **Congress:**

#### **Upcoming Congressional Hearings:**

#### **9/22, House Committee on Science, Space and Technology (Chairman Hall, R-TX):**

(Hearing charter TBA)

Witnesses: Michael Griffin, former NASA Administrator; Neil Armstrong, former astronaut; and, Gene Cernan, former astronaut.

#### **9/23, hearing before the House Committee on Science, Investigations & Oversight Subcommittee (Chairman Broun, R-GA)**

Joint Polar Satellite System (JPSS). NASA witness: NASA Associate Administrator Scolese

**Last Week:**

September 9th AFFTC Vice Commander Global Hawk  
Colonel Douglas W. Jaquish is the new Vice Commander, Air Force Flight Test Center.  
Visited Global Hawk Operations Center during HS3 mission and Hangar 4801.  
Thanks go to Chris Naftel and Randy Albertson who briefed him.

**Upcoming presentation:**

**Tuesday September 20th, 10 a.m.** Dryden ISF Auditorium:

**Dr. Herm Rediess *Flight Dynamics and Control - A Personal History from the Douglas Skyrocket to the Space Shuttle***

Dr. Rediess started his career as a coop-student then research engineer at the NASA Dryden Flight Research Center, where he progressed to Director of Research before transferring to Headquarters in 1978.

**X/Employee Assistance Program — Kathy Christian**

**This week:**

**Dryden:** Dr. Christian out of the office 9/12-9/15.

**DAOF:** Staffing at the DAOF **Tuesday 9/13 from 9-6 in room N211.** For an appointment or consultation please call Monique Pierre-Louis at x2034.

**Organizational News:**

**\*\*MANDATORY TRAINING FOR CIVIL SERVANTS AND CONTRACTORS- Workplace Violence Prevention (these sessions are for non-supervisor employees- separate sessions for supervisors TBA) Wednesdays(Attend ONE): 9/21, 9/28 & 9/29 10am-11am at Dryden in the ISF. For broadcast to the DAOF and AERO: TBA\*\***

**\*\*\*\*\*Makeup for THOSE WHO MISSED THE  
Mandatory Drug Free Workplace Training\*\*\*\*\*  
General session: Civil Servants, Non-Supervisors**

**DEADLINE: October 28, 2011**

- Go to Dryden Research Library (4800/ 2412) and request the DVD: “Drug Free Workplace 2011”, **AND** exam
- You have two options: check out DVD (max two days) or use library computer to watch DVD.
- To receive credit for the training you will need to complete the exam and drop it off at the library front desk

DAOF or AERO: Contact library staff to have DVD and quiz mailed to you :

- Karl Bender Karl.A.Bender@nasa.gov, Librarian, 661-276-3702
- Freddy Lockarno Freddy.Lockarno-1@nasa.gov, Library Technician, 661-276-3127

**EAP EMPLOYEE WELLNESS ACTIVITIES:**

Come try out “Chair Pilates” offered Mondays, Wednesdays and Fridays 12:30-1PM in Building 4800, Conference Room 1410. No special gear or experience needed. For more information about this activity call the EAP office at 2034 or 2000.

**Join the Walk to Wellness NASA Campaign. Join TEAM ELLA!!**

**What is it?** NASA is sponsoring a 28 day walking campaign that is open to **EVERYONE!** You must register at [www.nasahealthieryou.com](http://www.nasahealthieryou.com) Registration Unique ID: healthiernasa. You will receive a free online gift when you reach your online goal.

Once you register, click "Join now!" and fill out your personal profile using this walk group information:

Group name: Team Ella  
Group password: ellanasa

**Important Dates :**

Enrollment: **Sept 1<sup>st</sup> - Sept 19<sup>th</sup>**

28-Day walking campaign: Sept 20<sup>th</sup> -Oct 17<sup>th</sup>

Beginning September 20th , EAP staff and Ella will be walking around Dryden every Tuesday -Friday at 8 am for 30 minutes. Come JOIN us in the front of 4800!! Remember, you need to join Walk to Wellness before *September 19, 2011!*