



## HICKAM F-22 NEWSLETTER May 2010

Aloha and welcome to the May issue of the Hickam F-22 update newsletter. Please continue to forward this information to any people who are involved with the F-22 transition at Hickam. We recently started a COP that can be accessed through any .mil address. The COP link is: <https://www.my.af.mil/afknprod/community/views/home.aspx?Filter=21856>

### **Upcoming Events:**

2 June	Boeing to install equipment into classified training room
9 June	Ops/AMU 95% Design submit to NGB A7
7-8 July 10	Hickam Site Survey (Formerly known as SATAF IV)
9 July 10	Hickam F-22 Arrival ceremony and sunset celebration

### **Jet Delivery:**

The first two Hickam F-22's are still at Hill AFB for depot level maintenance (PDM). The first jet to arrive at depot, tail #045 is looking on track after a successful power on check on 18 May. Aircraft #045 is still on schedule for a 28 June completion date. Aircraft #046 is looking good and still has a completion date of 8 July, however we are being told that the PDM folks are doing what they can to move that date earlier in July. Aircraft #046 will have power on checks accomplished on 26 May. The 154<sup>th</sup> Wing Commander, Gen Kim recently visited Hill AFB to check on the status of the jets and to meet and greet the leadership and maintainers at Hill who are helping us with our first aircraft. A special thanks goes out to the experts at Hill AFB for providing the extra work required to get the jets out of PDM on time. As of today, we are still on track for our 9 July arrival ceremony. The next two jets to arrive will be 058 and 050 and they will be arriving in Jan/Feb 2011 timeframe. After that Hickam will receive one to two jets per month until we get the full complement of 20 aircraft by the end of calendar year 2011.

### **Facilities:**

May was a busy and productive month for both HIANG Civil Engineering and the Hickam F-22 PIO. On 3-5 May we hosted the Ops/AMU 95% design review followed by the simulator design charrette. The Ops/AMU Hangar 95% design review went smoothly and CE is now ready to present the 95% design to NGB A7 for approval on 9 June. The simulator architecture and engineering design will be accomplished by Burns and McDonnell. The simulator design charrette produced a building that is outstanding from both a functional and architectural standpoint. Boeing contractors provided many valuable real world lessons learned from other F-22 simulator locations. The two pictures below show the artist renderings of the F-22 simulator facility.



Burns and McDonnell have done an excellent job with their expert design work once again. The simulator building will be located on Mamala Bay Drive on the left curve just prior to the HIANG complex.

The training rooms are nearing completion and will be ready for the 2 June installation of the Boeing classroom equipment. The Boeing equipment has already arrived on island and is safely stored waiting for the installation.

Ramp phase 1 is now authorized to advertise and should have bids due on 7 June. The Ramp phase 1 taxi lane is scheduled for completion on March 2011. This ramp will be critical to ensure that a taxi lane is in place so that construction can start on Mike taxiway to build the Ops/AMU Hangar. The engine shop bridge crane is now at 100% design and there will be a construction site visit on 27 May to work the details of the project. The hush house dead man pull test is still on track for mid June. The pull test equipment is enroute and this test will be important in order to certify our existing hush house for the awesome Pratt and Whitney F-119 engine. The communications facility (Building 3385) has been re-programmed to acquire the original scope. This project must be 100% designed by 29 July in order to secure the existing funds for the project. CE is on schedule to achieve the 100% design of the communication facility by the required date.

The alert facility is a PACAF project and is a RFP or request for Proposal. This process is a design build process instead of the more common design bid build process. Funding has not yet been secured for this project and questions remain about potentially phasing the project to secure insert money. As of now best case scenario is to start the project in 2012.

### **LOCRF (Low Observable Composite Repair Facility):**

The LOCRF groundbreaking ceremony was held on 7 May. The ceremony was very enjoyable for all who attended. Special thanks to Capt Jen Phillips for her outstanding efforts coordinating this ceremony. Additionally we would like to thank all the men and women who helped to make this ceremony a success.

The Pre-construction meeting for the LOCRF was held 21 May and construction should be starting after the required approvals and permits are accomplished. The construction company is Su-Mo/Nan and the estimated completion date of this facility should be around October 2011. This facility will be a crucial facility for long term maintenance of the Hickam F-22's.



### **Operations:**

The third HIANG pilot is now at Tyndall AFB attending the F-22 TX (Transition) course. Our second pilot attending the TX continues to send weekly updates on his progress. Our second pilot to fly the mighty F-22 is currently through the BFM (Basic Fighter Maneuvers) phase and is moving to ACM (Air Combat Maneuvers). He says the jet is “incredible and is a blast to fly.” Mr. Mike Hannay recently arrived at Hickam. Mike will be our contractor in charge of programming the computer data for the F-22. He is one of the best in the business and we are very happy to have him out here as part of the team. Recently Mike has been busy setting up the ODS (Operational Debrief Systems) in our vault. Ops continues to chip away at the detailed list of Ops related taskers. F-22 Tech Orders have been ordered so that our pilots will have the latest F-22 publications. As of now there are 11 confirmed TX slots for FY 2011. This is down from

our original request for 18 slots for FY 2011. Deliberations are ongoing with NGB over seasoning days for pilots following their TX course.

An alert site survey was held from 11-13 May. NGB A3Z, A4, A7, A1 in addition to the leadership from the HIANG and 120<sup>th</sup> FS (Montana ANG) attended the alert site survey. The current plan is to have Montana cover alert for Hickam starting on 7 Aug. The Sentry Aloha facility will be the operating location for the Montana Detachment. The existing alert facility will be used by Montana without any modifications. Montana will bring out 6 F-15's to cover both alert and CT (Continuation Training) flying. Equipment transfer and logistics plans are moving along smoothly. Hawaii will provide two liaison pilots and two liaison maintainers. In addition, Hawaii will provide one position each for command post, comm flight, intel and aircrew flight equipment. On the maintenance side, Hawaii will provide 4xAPG, 1xMuns, 1xNDI, 1xAGE for the duration of the detachment.

The F-15 WTT (Weapons and Tactics Trainer) was successfully removed from the 199FS on 18 May. The WTT room is now empty and ready for the power and HVAC upgrades required to install the new F-22 WTT. The F-22 WTT will be on the way soon from Tyndall AFB. Currently we are on track for Boeing to start the install of the F-22 WTT on or around 15 July with a ready for training date of 1 August. The WTT is basically a standalone simulator that enables pilots to practice tactics and emergency procedures. This WTT will be important to help train our pilots until our full up linked simulator facility is complete in 2014.



### **F-22 Arrival Ceremony:**

The F-22 arrival ceremony remains on track for 9 July. Prior to the arrival ceremony Hickam PIO will be hosting a site survey on 7-8 July. The site survey will focus on processes and workarounds required to keep the F-22's supplied, maintained and flown. A schedule for the site survey will be distributed soon.

The Hickam F-22 arrival ceremony will be in two parts. The first part will be the official arrival ceremony to be held at Hickam in front of Base Ops on DV-1 at 0900 AM. After the arrival ceremony there will be a Lockheed Martin sponsored celebration out at Lanikuhouua (KoOolina). This celebration will start at 1730 and will be highlighted by a sunset F-22 demonstration flight.

Lt Col Faurot and Lt Col Newton are the POC's for the arrival ceremony and they are working closely with public affairs, protocol and many other agencies to make sure this world class event is successful. Weekly telecons with Lockheed Martin are held to work the many details of the arrival ceremony.

### **Maintenance:**

As the arrival of our first two jets nears, all maintenance efforts remain focused and on target. Maintenance training is well under way and continues to be a priority. A wide variety of personnel from AMXS and MXS were sent to Elmendorf AFB and Langley AFB for refresher training on multiple tasks. In addition, another detail of folks will go to Langley next month for

Hot Pit training. On their way back to Hawaii, these personnel will also stop at Ogden for “Team Spirit”, where they will help the depot prepare the jets for transfer. Furthermore, Hickam is on the map for Raptor Nation support. Throughout the next few months, 154th MXG will help facilitate troop movements as respective units deploy to various locations in the Pacific Rim.

Our F-22 active duty maintenance personnel continue to arrive at Hickam. Along with our inbounds last month, our AMU active duty assistant superintendent, SMSgt Green, arrived. We now have active duty personnel from TAMS, Specs, Weapons, LO and Munitions on island. The next group of our inbound active duty maintenance personnel are due in June. The AFSCs will include Egress, Propulsion, NDI, and Fuels personnel. The inbound active duty maintenance folks are in-processing with the 15th AW and are working side-by-side with our HIANG maintainers. We greatly appreciate everyone’s can-do attitude and awesome work ethic. We have already begun to work as a team to make this transition as smooth as possible. Included in this transition are our efforts to modify facilities to ensure all have mission-conducive work spaces. Leading this effort is SMSgt Andy Partika. SMSgt Partika is avidly working with CE and wing leadership to ensure optimal workarounds are in place to meet everyone’s needs until the new squadron/ops hangar is built in 2013.

The Integrated Maintenance Information System (IMIS) servers are set up in the bottom floor of building 3400 next to the 199FS main briefing room. We now have three IMIS servers installed and operating. Thanks go out to our three new IMIS experts on station for getting this critical system up and running. Additional thanks go to CE for the 20A power upgrade to handle the extra electrical load of the three IMIS servers. The IMIS experts on station have already established connectivity with Ft Worth which is a fundamental part of the process. TOD’s are now available through our now up and running IMIS servers. Additionally, IMIS account applications have been distributed to work centers/supervisors. Please ensure forms are completed accurately and expeditiously.

Local manufacture tools are being prioritized and ordered and leadership is getting weekly updates on the progress. The Pratt and Whitney F-119 systems supervisor Mr Jim Powell has arrived on island. Additionally Hickam has received the F-119 training engine for the propulsion shop.

<u># ACTIVE DUTY PERSONNEL:</u>	<u>AFSC:</u>	<u>ARRIVAL TIME:</u>
2	MX	On-Island
11	OPS/MX	On-Island
17	OPS/MX	3rd Qtr 10
18	MX	1st Qtr 11
16	OPS/MX	2nd Qtr 11
18	OPS/MX	3rd Qtr 11
13	OPS/MX	4th Qtr 11
2	OPS/MX	1st Qtr 12
4	OPS	2nd Qtr 12

**Things are happening fast right now...we will have Hickam F-22’s on our ramp in less than 40 days!** Once again, thanks to all who are involved with bringing the F-22 to Hickam. This is a team effort and we appreciate all the members of this team who work daily to make this transition a huge success.

*Aloha*