Marine Corps

Opportunities for Industry

CAPT Kent Hendricks
Assistant Chief of Staff, Facilities
Marine Corps Installations Pacific

SAME Japan Symposium
October 2019
MCIPAC Installations

Camp Mujuk
MCAS Iwakuni
CATC Fuji
MCAS Futenma
MCB Butler
MCB Guam

Marine Corps Installations Pacific

MCB Hawaii
**MCIPAC Facilities Condition**

Marine Corps Infrastructure
Average FCI: 83.4

Camp Mujuk, Korea
Average FCI: 92.2

South Korea

Japan

MCAS Iwakuni, Japan
Average FCI: 83.2

Camp Butler, Japan
Average FCI: 84.5

MCAS Futenma, Japan
Average FCI: 80.2

Hawaii

MCB Hawaii
Average FCI: 80.7

- MCAS Futenma has the lowest aggregate FCI within MCIPAC – Futenma Refurbishment
- Significant number of Q3/Q4 facilities
- Facility sustainment preserves condition, service life, and mission support

<table>
<thead>
<tr>
<th>Installation</th>
<th>Q1 Facilities</th>
<th>Q2 Facilities</th>
<th>Q3 Facilities</th>
<th>Q4 Facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butler</td>
<td>1977</td>
<td>1128</td>
<td>515</td>
<td>53</td>
</tr>
<tr>
<td>Futenma</td>
<td>223</td>
<td>239</td>
<td>122</td>
<td>29</td>
</tr>
<tr>
<td>Hawaii</td>
<td>430</td>
<td>434</td>
<td>335</td>
<td>45</td>
</tr>
<tr>
<td>Iwakuni</td>
<td>581</td>
<td>599</td>
<td>142</td>
<td>10</td>
</tr>
<tr>
<td>Mujuk</td>
<td>151</td>
<td>41</td>
<td>81</td>
<td>11</td>
</tr>
</tbody>
</table>

FCI Rating: Good (90-100), Fair (80-89), Poor (60-79), Failing (< 60)

Facilities investment increased by reinvestment of BOS & Utility savings from 31 MSF of demo

Recap Requirements Eliminated

Revised Requirements line based on demolition of 31 MSF, FY17 - 27

Gap closure by 2028
Defense Policy Review Initiative (DPRI)

- **Oki Con (+$B encompassing 135 projects)**
  - Implementing immediate and accelerated land returns, MCBB planning referrals & design (GOJ supported projects)
  - Negotiating MCBB Master Plan way forward
  - Multi-year program spanning over 10 years

- **Futenma Replacement Facility (+$B encompassing 170 projects)**
  - Construction restart up on land/sea
  - GOJ Official Estimated Construction Completion: JFY 2022 or later

- **MCAS Iwakuni**
  - Incorporating POL/MIL Best of Breed, lessons learned
  - Over the hump but with a lot of critical activity ongoing
    - Successful arrival of all remaining CVW-5 squadrons
    - Tracking critical path items and addressing issues for CVW-5
  - On Glidepath for successful completion in FY20
**MCIPAC JFIP Program**

- Program expends $206M annually across all Services (USFJ)
- Nominal five year execution timeline, ~ $1.5B adopted program backlog
- Over $125M currently adopted and in execution for Marine Corps

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Cost</th>
<th>BOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCAS Iwakuni</td>
<td>JFY12 MC0407 Vehicle Shop (CLC36)</td>
<td>$61.8M</td>
<td>Mar 2022</td>
</tr>
<tr>
<td></td>
<td>JFY15 MC1502 Airfield Drainage</td>
<td>$24.8M</td>
<td>Mar 2020</td>
</tr>
<tr>
<td></td>
<td>JFY16 MC1604 Install Seawall Lights South</td>
<td>$1.2M</td>
<td>Mar 2020</td>
</tr>
<tr>
<td></td>
<td>JFY16 MC1605 Upgrade Seawall Lights, Monzen</td>
<td>$0.4M</td>
<td>Mar 2020</td>
</tr>
<tr>
<td>Camp Gonsalves</td>
<td>JFY12 MC0628 Warehouse</td>
<td>$8.2M</td>
<td>Mar 2020</td>
</tr>
<tr>
<td></td>
<td>JFY12 MC0205 BEQ/BOQ/Community Center/Ed Facility</td>
<td>$3.3M</td>
<td>JFY24</td>
</tr>
<tr>
<td>Camp Hansen</td>
<td>JFY96 MC0643 Fire Prevention Facility, (Fire Break Road)</td>
<td>$5M</td>
<td>Mar 2020</td>
</tr>
<tr>
<td>Camp Courtney</td>
<td>JFY12 MC0207 Security Upgrades, Gate 13</td>
<td>$21.7M</td>
<td>Mar 2020</td>
</tr>
<tr>
<td></td>
<td>Security Upgrades, Main Gate</td>
<td></td>
<td>JFY22</td>
</tr>
<tr>
<td></td>
<td>JFY18 MC0609 Potable Water Tanks</td>
<td>$9.8M</td>
<td>TBD</td>
</tr>
<tr>
<td>Camp Foster</td>
<td>JFY17 MC1709 Fire Station, Zukeran (Plaza Homes)</td>
<td>$13.2M</td>
<td>JFY23</td>
</tr>
<tr>
<td></td>
<td>JFY19 MC0203 HQ Fire Station Camp Zukeran (Foster)</td>
<td>$24.1M</td>
<td>JFY24</td>
</tr>
<tr>
<td>Camp Fuji</td>
<td>JFY18 MC0621 Fire Station, CATC Fuji</td>
<td>$13.2M</td>
<td>TBD</td>
</tr>
<tr>
<td></td>
<td>JFY12 MC0413 Upgrade Water Distribution System, Ph 1</td>
<td>$6.3M</td>
<td>Mar 2020</td>
</tr>
<tr>
<td></td>
<td>Upgrade Water Distribution System, Ph 2</td>
<td></td>
<td>Mar 2022</td>
</tr>
<tr>
<td></td>
<td>Upgrade Water Distribution System, Ph 3</td>
<td></td>
<td>Mar 2023</td>
</tr>
<tr>
<td></td>
<td>Upgrade Water Distribution System, Ph 4</td>
<td></td>
<td>Mar 2024</td>
</tr>
</tbody>
</table>
Program averages $100-130M per year across all USMC Japan Installations (CATC Fuji, MCAS Iwakuni, and Okinawa camps)

FY20 expected $130M program consisting of:

• Barracks renovations
• Road repairs
• Fire Station renovations
• Administrative Command Building renovations
• Various smaller utility repairs

FY20 MILCON MCAS Iwakuni F35 VTOL Pad

No significant MILCON projects expected in FY20 for USMC on Okinawa
• Most contested real estate in USMC inventory
• Home to MAG-36 and 51 operational and OSA aircraft
• JFY 2022 “or later” complete return per Okinawa Consolidation Plan 2013
• 2012: “2+2” Agreement for mutual contribution in refurbishment to maintain safe flight operations until Futenma Replacement Facility complete
• USG funded Airfield Revitalization Project ($35.3M) awarded June 2016
• JC agreement for GOJ funding of 19 projects (Est $125M) signed July 2016
**GOJ Funded MCASF Refurb. Projects**

**Completed**
- Open: Design/Construction
- Future: Form 22/Criteria Package

**BEQ 217 – $22.3M**
- Hangar 533 - $13.6M
- Hangar 520 - $2.2M
- Hangar 515 - $4.0M
- POL Sec. Lighting 622 - $220K
- Hangar 507 - $303K
- Potable Water Tank 610 - $9.5M
- Hangar 505 - $6.2M
- Warehouse 690 - $2.0M
- Warehouse 628 - $2.7M
- Warehouse 640 - $1.3M
- Instruction Bldg. 550 - $3.4M

**Hangar Parking - $607K**
- Mess Hall 423 – $3.8M
- BEQ 431 - $44.2M
- HQ Admin Bldg. 101 - $1.3M
- Instruction Bldg. 410 - $711K
- Warehouse 653 - $352K
- Hangar 539 - $5.7M
- Warehouse 653 - $352K
US Funded MCASF Projects

AIRFIELD REVITALIZATION PROJECTS ($35.3 M)
A & I - Airfield Lighting Systems, $12.5M
B - Airfield Pavement System, $9.4M
C - Runway / Taxiway Shoulders, $8.4M
D - Repair Drainage Pipes, $1.1M
E - Sanitary Sewer Lines, $3.0M
F - Install Concrete Ditch, $521K
G & H - Repair Sinkholes, $354K

BEQ 226 - $13.9M
Completed

G/ATOR, MIL Labor
Gate 1 ATFP - $6M
Mass Briefing Renovation - $900k

PAR, MIL Labor
Avionics Blast Booth Repair, - $1.5M
H1 Simulator - UNK
FY14 P-201 Airfield Security Fence - $2.5M
Future Proposed

1-1 ADA, MIL Labor

FY15 P-213 $5M
Phase 1, Rinse facility completed Jan 2017
Phase 2, Hangar 525 Crane Mods
Completed

Active Construction
GOJ Funded MCASF Programs

JC Memo established the 19 project list – JUL 2016

Futenma Refurb.
- Water Tank

Submit Form 22/USFJ Nomination & Adoption process

USFJ Negotiates Survey LOE

CP Authorized

USACE Prepares CP

Survey/CAS

Potential Rest Year for Survey

Futenma Refurb.
- Academic Instr 410
- Dining Facility
- Warehouse 628, 653
- MAQ HQ
- Hangars 505, 507, 520, 533, 539

JFIP Year 1/2

JFIP Year 3/4

USFJ negotiates design LOE

Design

USFJ negotiates Construction LOE

Construction

Futenma Refurb.
- Academic Instr 550
- Veh Maint 690

Futenma Refurb.
- Hangar 515
- BEQ 431
- BEQ 217
- Warehouse 640
- POL Lighting
- Airfield Parking

JFIP
- Drainage

Futenma Refurb.
- Futenma Refurb.

JFIP Year 5

JFIP Year 6/7

Building Complete

Future: Form 22/CP
Open: Design/Construction
Completed
Timing of Facilities Construction
  - GOJ / OPG Political Challenges
  - Oura Bay / Landfill Permit Modification

Funding for Facilities Construction
  - Program Delays affect US DPRI Budget

Resources for Facilities Construction
  - Host Nation Construction Capacity for multiple DPRI and MILCON projects

View of DPRI as 400+ independent MILCON/JFIP projects vice three mega projects.
Discussion/Questions