

KALAELOA AIRPORT DEVELOPMENT PLAN

THE PUBLIC BENEFIT

KALAELOA AIRPORT (JRF) IS OWNED AND OPERATED BY THE AIRPORTS DIVISION OF THE HAWAII STATE DEPARTMENT OF TRANSPORTATION (DOT-A). AS PART OF THE STATE AIRPORTS SYTEM, IT IS A GENERAL AVIATION RELIEVER AIRPORT FOR HONOLULU INTERNATIONAL AIRPORT. JRF IS A MAJOR STATE ASSET PROVIDING AN IMPORTANT RESOURCE FOR BUSINESSES, TRAINING AND RECREATIONAL AVIATION ACTIVITIES. BUSINESS ACTIVITIES INCLUDE FLIGHTS TO AND FROM NEIGHBOR ISLANDS, AS WELL AS ON-DEMAND AIR TAXI AND CHARTER SERVICES. TRAINING ACTIVITIES INCLUDE BASIC AND PROFICIENCY FLIGHT TRAINING. RECREATIONAL USES INCLUDE LOCAL AND NEIGHBOR ISLAND FLIGHTS FOR PERSONAL, SIGHTSEEING AND RECREATIONAL TRAVEL.

KALAELOA AIRPORT PLAYS AN IMPORTANT ROLE IN THE AIRPORT SYSTEM AS AN ALTERNATE LANDING SITE FOR HONOLULU INTERNATIONAL AIRPORT SHOULD AIRCRAFTS NEED IT. KALAELOA AIRPORT IMPROVES THE SAFETY AT HONOLULU INTERNATIONAL AIRPORT WHILE REDUCING COSTLY DELAYS BY ACCOMMODATING MANY OF THE GENERAL AVIATION OPERATIONS THAT WOULD OTHERWISE OCCUR AT HONOLULU INTERNATIONAL AIRPORT.

AS A DIRECT BENEFIT TO THE STATE, KALAELOA AIRPORT SUPPORTS CRITICAL EMERGENCY ACTIVITIES. THE U.S. COAST GUARD PERFORMS AN ESSENTIAL SERVICE THROUGH MARINE SEARCH AND RESCUE AS WELL AS OTHER IMPORTANT AVIATION OPERATIONS. KALAELOA AIRPORT ALLOWS THE HAWAII NATIONAL GUARD TO AIRLIFT SOLDIERS AND EQUIPMENT DIRECTLY FROM THEIR KALAELOA FACILITIES, WHILE ALSO ACTING AS A DISASTER RELIEF SITE FOR CIVIL DEFENSE AGENCIES. THE AIRPORT PROVIDES A STAGING AREA TO RESPOND QUICKLY WITH AIRLIFT SUPPORT IN TIMES OF EMERGENCIES AND NATURAL DISASTERS.

THE STATE OF HAWAII IS IN THE BEGINNING STAGES OF IMPLEMENTING MANY SAFETY AND SECURITY UPGRADES AND CAPITAL IMPROVEMENT PROJECTS TO IMPROVE EXISTING FACILITIES AND DEVELOP NEW FACILITIES TO MEET THE GROWING DEMAND AT KALAELOA AIRPORT. RECENT MAJOR IMPROVEMENTS TO THE KALAELOA FACILITIES INCLUDE: A NEW AIRFIELD LIGHTING SYSTEM, PARTIAL RUNWAY PAVING, EMERGENCY POWER SYSTEMS, AN AIRCRAFT RESCUE/FIREFIGHTING (ARFF) FACILITY AND COMMUNICATION EQUIPMENT. THE DOT-A IS CURRENTLY IN THE PROCESS OF DEVELOPING GENERAL AVIATION FACILITIES TO ACCOMMODATE 140 T-HANGARS AND 120 AIRCRAFT TIE DOWNS.

ON-GOING SAFETY & SECURITY ENHANCEMENTS

- SAFETY MANAGEMENT SYSTEM (UNDER WAY)
- WILDLIFE HAZARD MANAGEMENT PLAN (UNDER WAY)
- GEOMETRICAL STUDY OF AIRFIELD (UNDERWAY)
- RESURFACE PERIMETER ROAD (COMPLETED)
- SECURITY CCTV CAMERA (ON-GOING)

ON-GOING OR COMPLETED CAPITAL IMPROVEMENTS

- 140 T-HANGARS FOR GENERAL AVIATION ACTIVITIES
- FIRST 10 HANGARS COMPLETED 2014
- SECOND 8 T-HANGARS CURRENTLY UNDER DESIGN-BUILD CONSTRUCTION
- INSTALLATION OF 20,000 GALLON JET "A" FUEL TANK COMPLETED
- REDEVELOPMENT OF HANGAR 110
- PHASE I UPPER ROOF REPLACEMENT (COMPLETED)
- PHASE II LOWER ROOF REPLACEMENT (COMPLETED)
- PHASE III UTILITY IMPROVEMENTS AND HAZMAT ABATEMENT (2016 COMPLETION)
- PHASE IV NEW SOUTH ELEVATOR AND INTERIOR IMPROVEMENTS (2016 START)
- PHASE V NEW SOUTH ELEVATOR AND FIRE SPRINKLER SYSTEM (UNDER DESIGN)
- TERMINAL PARKING LOT IMPROVEMENTS (COMPLETED)
- TOWER RESTROOM RENOVATION (ON-GOING)

FUTURE AIRPORT IMPROVEMENTS

AIRFIELD SAFETY IMPROVEMENTS

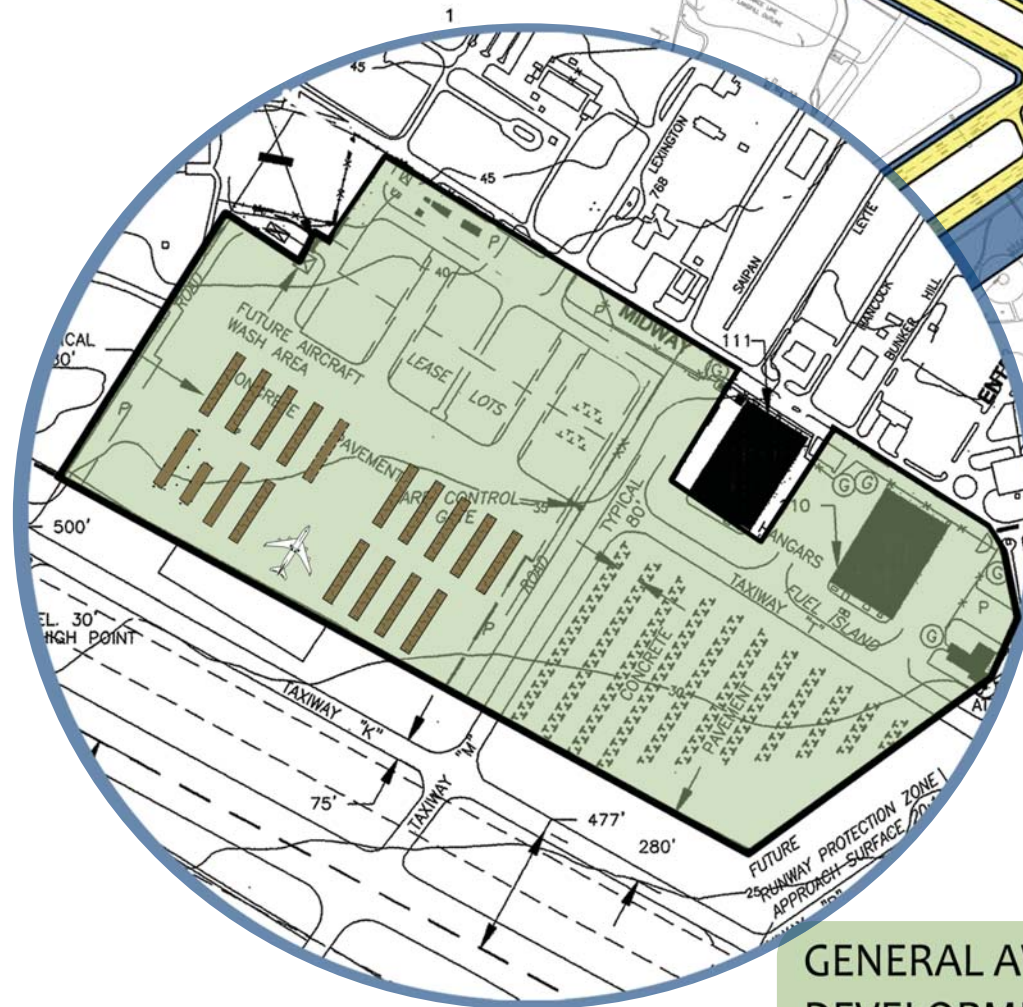
1. UPGRADE MARKINGS
2. UPGRADE LIGHTING
3. UPGRADE AIRFIELD SIGNAGE
4. NAVIGATIONAL AIDS
5. PAVEMENT MAINTENANCE PROGRAM

AIRPORT SECURITY IMPROVEMENTS

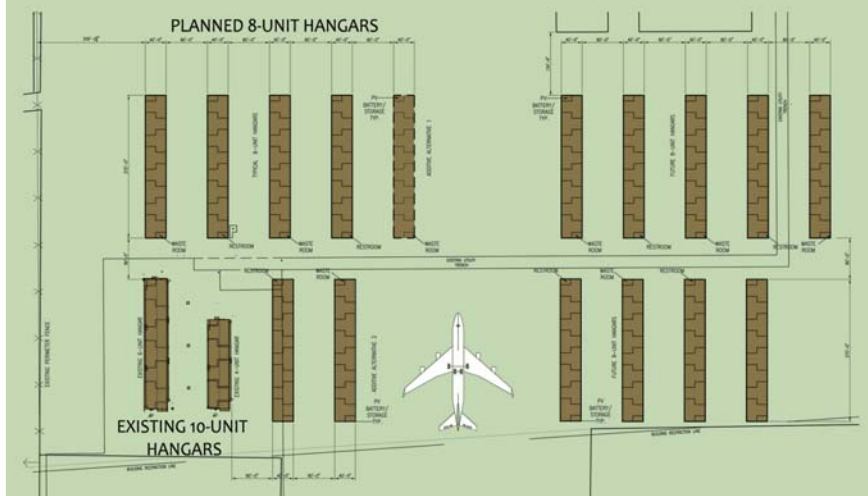
6. UPGRADE PERIMETER SECURITY FENCE
7. SECURE AIRFIELD ACCESS TO INCLUDE CARD CONTROL GATE ACCESS
8. UPGRADE OF PERIMETER ROAD

FUTURE FACILITIES IMPROVEMENTS

1. LEASE LOTS FOR 3RD PARTY DEVELOPMENT
2. AIRCRAFT TIE DOWN AREA FOR 120 AIRCRAFT
3. HELICOPTER TIE DOWN AREA FOR 12 HELICOPTERS
4. UPGRADE INFRASTRUCTURE (WATER, SEWER, POWER & COMMUNICATIONS)
5. TERMINAL IMPROVEMENTS



GENERAL AVIATION T-HANGAR DEVELOPMENT SITE PLAN



KALAELOA AIRPORT

DEVELOPMENT PLAN

PLANNED AIRPORT IMPROVEMENTS

GENERAL AVIATION - APRON AREA

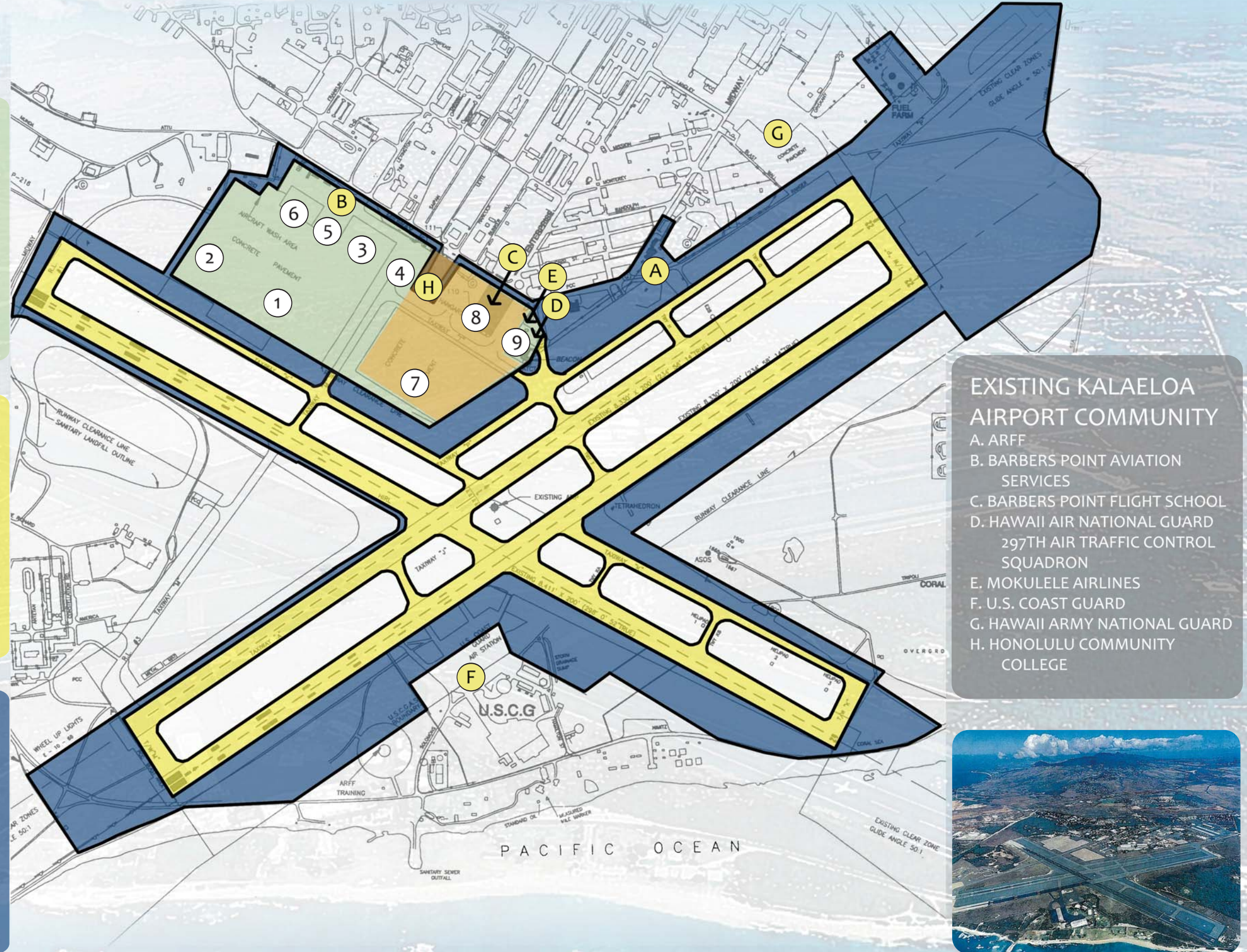
1. 140 T-HANGARS (PHASED DEVELOPMENT)
2. HELICOPTER TIE DOWN AREA
3. LEASE LOTS FOR 3RD PARTY DEVELOPMENT
4. RELOCATION OF AVIATION MUSEUM
5. AUTOMOBILE PARKING UPGRADES
6. 20,000 GALLON JET "A" FUEL TANK & DISPENSER SYSTEM
7. AIRCRAFT TIE DOWN AREA - 120
8. HANGAR 110 REDEVELOPMENT (UNDER WAY)
9. TERMINAL UPGRADES

AIRFIELD IMPROVEMENTS

- UPGRADE AIRFIELD MARKINGS
- UPGRADE AIRFIELD LIGHTING
- UPGRADE AIRFIELD SIGNAGE
- PAVEMENT MAINTENANCE PROGRAM
- UPGRADE NAVIGATIONAL AIDS

AIRPORT SUPPORT FACILITIES

- UPGRADE PERIMETER FENCES
- SECURITY UPGRADE TO INCLUDE CARD CONTROL GATE ACCESS
- UPGRADE INFRASTRUCTURE (WATER, SEWER, ELECTRICAL)
- UPGRADE PERIMETER ROAD



EXISTING KALAELOA AIRPORT COMMUNITY

- A. ARFF
- B. BARBERS POINT AVIATION SERVICES
- C. BARBERS POINT FLIGHT SCHOOL
- D. HAWAII AIR NATIONAL GUARD 297TH AIR TRAFFIC CONTROL SQUADRON
- E. MOKULELE AIRLINES
- F. U.S. COAST GUARD
- G. HAWAII ARMY NATIONAL GUARD
- H. HONOLULU COMMUNITY COLLEGE

