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Pacific Southwest Region

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DATE 01/15/1994
READ INSTRUCTIONS TO
DIANE S. WILSON

AIR FIELD STATUS REPORT IN THE EPG

405711

SECTION I - AIRFIELDS

R

1. Fred Airfield.

- (a) Location - 11° 20' 27" north latitude
162° 19' 29" east longitude
Elevation - 12 feet above sea level at the southwest end.

- (b) The runway is ~~6,850~~ feet in length, in a bearing of 60 degrees, and is 150 feet wide. Construction consists of asphalt concrete over compacted crushed coral, with gross weight capacities as follows:

| | | |
|--------------|------------|-------------------|
| Single Wheel | Dual Wheel | Twin Tandem Wheel |
| 75,000 lbs | 75,000 lbs | 160,000 lbs |

- (c) The runway is marked for distance and bearing in accordance with Air Force directives, with the numeral "6" at the southwest end, and numerals "24" on the northeast end. A cloth type wind sock is located over the Operations Building south of the runway.
- (d) Runway lighting markers are of the C-1 High Intensity Type, and are located approximately 200 feet apart, except at the entrance-ways to parking ramps. Lateral distance between marker lights is 170 feet. The ends of the runway are marked with red Type C-1 lights. Green threshold lights are of the semi-flush type, and are located 300 feet in from both ends of the runway.
- (e) Two copies of the runway cross-section are attached.

2. Elmer Airfield.

- (a) Location - 11° 24' 04" north latitude
162° 22' 29" east longitude
Elevation - 14 feet above lowest low tide level.

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- (b) The runway is 1,200 feet in length, in a bearing of 69 degrees, and is 75 feet wide. Construction consists of compacted crushed coral covered with asphalt concrete. Gross weight capacities at the time of construction were as follows:

| | | |
|--------------|------------|-------------------|
| Single Wheel | Dual Wheel | Twin Tandem Wheel |
| 30,000 lbs | 45,000 lbs | 100,000 lbs |

- (c) The runway is marked "6" at the southwest end, and "24" at the northeast end. Painted yellow stripes mark the ends of the runway. A cloth type wind sock is located at the Dispatch Building at the northwest corner of the field.

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- (d) Runway marker lights are of the medium intensity type on cone shaped bases. Two pairs of red and green lights are located 65 feet in from both ends of the runway, marking both threshold and night over-run area.

3. Janet Airfield.

- (a) Location - 11° 40' 05" north latitude.
162° 14' 23" east longitude.
Elevation - 9 feet above lowest low tide level.
- (b) The runway is 4,100 feet long, in a bearing of 79 degrees, and is 90 feet wide. Construction consists of compacted pit run coral and compacted select crushed coral, with the latter placed in the center part of the runway for a distance of 1,250 feet. Gross weight capacities at the time of compaction were as follows:

| | | |
|--------------|------------|-------------------|
| Single Wheel | Dual Wheel | Twin Tandem Wheel |
| 30,000 lbs | 45,000 lbs | 100,000 lbs |

- (c) The runway is marked "7" on the southwest end, and "25" at the northeast end. There is no runway lighting system. A cloth type wind sock is located south of the aircraft parking area which is at the south central portion of the strip.

4. Tilda Airfield.

- (a) Location - 11° 37' 05" north latitude.
162° 19' 43" east longitude.
Elevation - 9 feet above lowest low tide level.
- (b) The runway is 1,400 feet long, in a bearing of 78 degrees, and is 50 feet wide. There are 25 foot shoulders on both sides of the runway. Runway construction consists of asphalt concrete placed over compacted crushed coral. Gross weight capacities at the time of construction were as follows:

| | | |
|--------------|------------|-------------------|
| Single Wheel | Dual Wheel | Twin Tandem Wheel |
| 30,000 lbs | 45,000 lbs | 100,000 lbs |

- (c) The runway is marked "7" at the southwest end, and "25" at the northeast end. There is no lighting system, nor wind sock.

5. Yvonne Airfield.

- (a) Location - 11° 32' 35" north latitude.
162° 21' 49" east longitude.
Elevation - 10 feet above lowest low tide level at normal approach end.
- (b) The runway is 1,240 feet long, in a bearing of 60 degrees, and is 50 feet wide. Construction consists of compacted select crushed coral, with gross weight capacities at the time of compaction as follows:

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Single Wheel
30,000 lbs

Dual Wheel
45,000 lbs

Twin Tandem Wheel
100,000 lbs

- (c) The runway is marked "6" at the southwest end, and "24" at the northeast end. There is no lighting system, nor wind sock.

6. Nan Airfield.

- (a) Location - 11° 30' 38" north latitude.
165° 33' 42" east longitude.
Elevation - 14 feet above lowest low tide level.

- (b) The runway is 4,500 feet long, in a bearing of 45 degrees, and is 150 feet wide, with 25 foot shoulders. Construction consists of compacted select crushed coral, with gross weight capacities at the time of compaction as follows:

Single Wheel
30,000 lbs

Dual Wheel
45,000 lbs

Twin Tandem Wheel
100,000 lbs

- (c) The runway is marked "4" at the southwest end, and "22" at the northeast end. A cloth type wind sock is located on the ocean side of the runway at the northeast end.
- (d) Runway marker lights are of the portable type.
- (e) One permanent hazard exists. A 300 foot tower is located approximately 300 feet south of the approach to the southwest end of the runway.

7. Peter-Oboe Airfield.

- (a) Location - 11° 30' 05" north latitude.
165° 24' 18" east longitude.
Elevation - varies from 9 to 10 feet above lowest low tide level.

- (b) The runway is 4,500 feet long, in a bearing of 60 degrees, and is 150 feet wide. Construction consists of compacted select crushed coral, with gross weight capacities at the time of compaction as follows:

Single Wheel
30,000 lbs

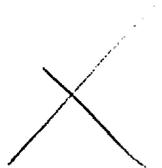
Dual Wheel
45,000 lbs

Twin Tandem Wheel
100,000 lbs

- (c) The runway is marked "6" at the southwest end, and "24" at the northeast end. A cloth type wind sock is located on the lagoon side of the strip approximately 1,500 feet from the southwest end of the runway.
- (d) Runway marker lights are of the portable type.

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EUNWETOK ATOLL

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| STATION | ROWWAY LENGTH | ROWWAY WIDTH | BEARING | TYPE OF CONSTRUCTION |
|---------|---------------|--------------|---|----------------------|
| 150 | 150 | N 44-59-53 E | COMPACTED SELECT CRUSHED CORAL | |
| 75 | 75 | N 78-00-00 E | ASPHALT CONC OVER COMPACTED CRUSHED CORAL | |
| 50 | 50 | N 71-05-00 E | COMPACTED SELECT CRUSHED CORAL | |
| 50 | 50 | N 78-00-00 E | ASPHALT CONC OVER COMPACTED CRUSHED CORAL | |
| 90 | 90 | N 78-04-4 E | 2100 TO 2150 COMPACTED SELECT CRUSHED CORAL OVER TO 1400 & 2150 TO 2100 COMPACTED CORAL | |

BIRIKI ATOLL

| STATION | ROWWAY LENGTH | ROWWAY WIDTH | BEARING | TYPE OF CONSTRUCTION |
|---------|---------------|--------------|--------------------------------|----------------------|
| 150 | 150 | N 44-59-53 E | COMPACTED SELECT CRUSHED CORAL | |
| 150 | 150 | N 62-26-40 E | COMPACTED SELECT CRUSHED CORAL | |

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| | | | | | | |
|-----|---------|---------------------------|----------|------------|---------|-----------|
| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY | DATE | JOB NO. |
| 1 | 4/15/54 | CORRECTED TYPE OF SURFACE | ES | ES | 5/11/57 | 942 |
| 2 | 4/15/54 | SELECTED ROWWAY | ES | ES | | W. S. NO. |

AIRFIELD EUNWETOK DATA

EUNWETOK PROVING GROUNTS

HOLMES & NARVER, INC.
ENGINEERS - CONSTRUCTORS

DRAWING NO. ES 6343

2/8 to 2/20 - ... site (2 pending)

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SITE No.

STA ISLAND ATOLL INSTALLATION TRUST TERRITORY
TYPE & USE PERIOD OR LEASE

1 KAPINGAMARANGI KAPINGAMARANGI Atoll WEATHER STA. JF 1107
FUMATAHACHI Is. EASTERN CAROLINE ISLANDS (South)

2 KUSAIE (LELL Is.) ISLAND WEATHER STA. SITE A - LEASED AREA 1, 2 & 3
EASTERN CAROLINE ISLANDS Waterhouse X SITE B - LEASED AREA JF 1108
(YOUNGSTROM)

4 NAURU NAURU Atoll WEATHER STA. FS 6466 - Weather Station
GILBERT ISLANDS PERU CAMP. 1/5 44-002-C3 JF 3727
008-61 AIR STATION
080-62 ELECT

6 PONAPE ISLAND WEATHER STA. X JF 3658
EASTERN CAROLINE ISLANDS

7 RONGELAP Is. RONGELAP Atoll WEATHER STA. X TT NAVIES JF 3215
MARSHALL ISLANDS RADSAFE MICROBAROGRAPH STA 3440.04 JF 3655
HAUTAEK STA

8 Rongerik (EUIWETAK Is.) RONGERIK MICROBAROGRAPH STA JF 3656
MARSHALL ISLANDS

3 TARAWA BETOK. TARAWA WEATHER STA. BOUNDARY SURVEY FS-6312
GILBERT ISLANDS 1/5 53-002-C1 JF 1106

2 TONGAREVA (MOEN Is.) TONGAREVA WEATHER STA. FS 6310 Survey & Topo
CAROLINE ISLANDS 1/5 45-002-C2 Layout JF 3657

9 UJELANG Is. UJELANG Atoll WEATHER STA. X JF 3660
MARSHALL ISLANDS RADSAFE MICROBAROGRAPH STA 3440.07
HAUTAEK STA

UJERIK Is. UJERIK Atoll WEATHER STA. X FS 6387 As Built Survey
MARSHALL ISLANDS MICROBAROGRAPH STA 3440.01 L.S. 1/5 45-002-C1
OBS. Tower

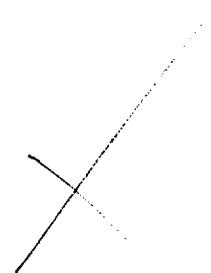
OBS Tower 4819
Homing B. 4283
New Weather Sta 3714

UJERIK Is. UJERIK Atoll WEATHER STA. X JF 3659
MARSHALL ISLANDS RADSAFE STA X
MICROBAROGRAPH STA 3440.02 X
REDWING B. HAUTAEK X

UJERIK Is. UJERIK Atoll MICROBAROGRAPH STA
MARSHALL ISLANDS HAUTAEK 3440.03
Rollup JF 3274
6 Sta. 1/5 5166
Pg. 5

TOBAGO

JF 1109



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8. It was proposed that construction start as soon as possible in order not to interfere with test prog. const. and the Tarawa/Makin/Ocean site to be constructed last to avoid possible conjecture concerning build-up program timing or deadlines for PPG tests.

9. All above plans are general only, and will be changed if and as necessary, based on findings at sites and conferences.

10. LST support to be requested only if absolutely necessary to accomplish mission. All possible plans to be based on LST support and possibility of using native sub-contract labor where and as necessary, if considered economical.

11. Meeting adjourned at 1730 hours.

DECLASSIFIED PER DOE
LETTER DATED JULY, 15, 1994
FROM BRUCE BOWENBALLI TO
BRUCE S. NIXON

KWAJALEIN - 4 JUNE 1955

Weather: Clear

Take-off at 0830 hours in PBM #122612 - Tentative ETA Tarawa 1900 hours.

Party composed of the following:

- Cdr. Rex
- Col. Richardson
- Mr. Wynkoop
- Capt. McDaniel
- Lt. Bachert
- Mr. Dunlap
- Mr. Beardall
- Mr. Bernier

Classification cancelled (or changed to _____)

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by authority of L. P. Bacon
(Official authorizing change in classification)

by David Sullivan 6-13-55
(Name of person making the change) (Date)

1220 hours - Circled Makin, including Bikati, and atoll appears essentially as shown on navigational charts with no apparent LST landing areas without blasting partial channel through outer reef structure and coral heads. We hope to get more definite information at Tarawa.

Arrived and circled Tarawa at 1330 hours. Water landing at 1400 hours. Went ashore on Biriki Island.

Mr. Wynkoop, Cdr. Rex and Col. Richardson held meeting with Commissioner, Mr. Bernaechi and it was decided to site the weather station on Betio Island at east end.

BIRIKI ISLAND - 5 JUNE 1955

Weather: Clear

Left in launch for Betio Island at 1000 hours.

Arrived Betio Island at 1100 hours. Made survey of approved site on Betio Island - completed survey at 1600 hours. Arrived Biriki Island at 1700 hours. Take-off from Biriki 1800 hours.

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BIRIKI ISLAND (Cont'd)

~~CONFIDENTIAL~~

SURVEY OF BETIO SITE

On the way to Betio island by boat, a recon. of the reef was attempted to determine tentative landing sites; however, final decision will follow detail soundings.

1. Area required and assigned pending concurrence of English and U. S. state departments, is a rectangle (See drawing) approximately 520' x 320' with the 320' distance parallel to the length of the island and bounded on the north by the lagoon and on the south by the main island road. Area includes a double concrete half-subsurface bunker, 30' x 51', suitable for storage. Each bunker is 13' x 48' and in good repair and with 3 sq. roof openings for ventilation and with a concrete floor. (Size and location on drawing). There are coconut trees approximately 16' high, laid out in rows on approximately 26' x 40' ctrs. and it will be possible to site buildings to allow the majority of these trees to remain.

2. Soil is very sandy with very little humus and the sand and loose coral overburden varies from 4" to 2'. It will not be necessary to build roads other than a short access road (approx. 200') to the camp site from the main island road. There is sufficient coral aggregate within 400 feet of the camp site for stabilization and surfacing of access road and camp areas. This material is in a pile at the roadside and was originally intended for coral runway surface material by the Japanese. (Approximately 300 cy).

3. Blasting will probably be required for setting of Navy cubes for septic tanks; however, coral is generally loose and of a porous formation that is well suited to septic tank operation. This system is used exclusively in the housing areas on this island. Blasting may also be necessary to clear a path for an LST; however, not over 50-100 ct total blasting should be required for entire job.

4. Sufficient aggregate can be gathered from the beaches; however, the majority will be from 3/4" to 20 mesh.

5. Beaching Facilities

(A) The most desirable beaching would be on the lagoon reef with an LST; however, soundings taken the afternoon of 5 June, showed insufficient depth for an LST at this reef. The only other chance at this point would be by LCU from LSD.

The other beaching possibility by LST is for a landing on the tip of the east mole, which extends approximately 500 ft. from shore on the lagoon side, but at the opposite end of the island from the construction site. Some clearing of junked invasion equipment would be necessary, but there is sufficient depth of water at this point. It was suggested that an LST enter the existing channel; however, it was agreed by Lt. Bachart and W. Beardall that this was not feasible due to insufficient depth of water and restricted turn-around area. A program of deepening this channel is planned for the future, but no date for this can be set, and it would not be safe to plan on this work being done prior to the need for the weather station.

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ty of

L. P. Basant

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(Official authorizing change in classification)

David Sullivan

6-13-55

(Date)

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SURVEY OF BETIO SITE (Cont'd)

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It should be noted that the off-loading of equipment and materials at this (West) end of the island will involve the use of the existing island road system. These roads are not built for heavy traffic and undoubtedly the roads used would have to be rebuilt at the close of the construction period. This rebuilding should be estimated to include regrading, stabilizing where necessary and resurfacing. This would involve approximately 3 miles of road.

6. The construction area is well graded and essentially level, with no pits or holes. Clearing between trees, including brush removal, could easily be done with a D-7 and blade. The construction site is approximately 3' above high tide, with no appreciable difference in elevation over the area.

7., 8., 9., and 10 (See drawing).

GENERAL:

There is a local housing construction program on, and no construction equipment is available, either in shops or mobile. Local residents are very helpful, but any aid other than on an emergency basis would seriously hamper their own program and should not be counted on. This site would indicate concrete floor slabs and the maximum of prefab and precut construction. A compressor will be needed in addition to normal equipment, and temporary power should be provided for construction as local power is partial 60 and partial 50 cycle and is now overloaded. Housing and messing facilities are not available for construction, and recreation facilities are crowded.

Arrived Kwajalein 2145 hours 5 June.

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by authority of L. P. Bacon by dws
(Official authorizing change in classification)
by David Sullivan
(Name of person making the change) 6-13-55
(Date)

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ENIWETOK TO PONAPE

7 JUNE 1955

RECEIVED PER DOW
JUN 10 1955
FROM ANTON SIMISALLI TO
DORNE S. NIXON

Weather: Clear

Take-off at 1045 hours.

Landed at Ponape 1335 hours.

Gdr. Rex, Lt. Col. Richardson, Capt. McDaniel and Mr. Wynkoop, met with Acting DISTAD, Mr. Frank Moulton, re: the assignment of area suitable for weather station site.

At 1930 hours a meeting was held, attended by Gdr. Rex, Lt. Col. Richardson, Capt. McDaniel, Lt. Bachert, Mr. Dunlap, Mr. Dieffenbach, Mr. Beardall, the Acting Resident Commissioner and the plane pilot.

We were advised that at the earlier meeting it had been decided to site the weather station on Fumatahachi Island.

The general plan for 8 June 1955, is as follows:

1. Early flight to Kapingamarangi and circle atoll once and circle Greenwich Passage twice (or as necessary) for photographs.
2. Land as near Fumatahachi Island as possible and Mr. Dunlap and Lt. Bachert, Mr. Dieffenbach, Capt. McDaniel, Mr. Beardall and Mr. Bernier will go ashore by raft. Gdr. Rex, Lt. Col. Richardson, Mr. Moulton and Mr. Wynkoop are to taxi to Touhou Island for confirmation of siting with the King of this group of islands.
3. Mr. Dunlap to be in charge of party for siting and Mr. Beardall and Lt. Bachert will proceed to Greenwich Passage for marine recon. and recommendations for passage through channel. Mr. Dunlap and rest of party to select and locate suitable weather site on Fumatahachi Island.
4. Entire party to take-off as soon as possible to return to Ponape in daylight, to save time of returning to Eniwetok for lighted night landing.
5. Plan is for party to return to Ponape for night of 8 June, pick up Jack Youngstrom, and travel to Kusaie 9 June, surveying site, leaving Commissioner at Kusaie and returning to Eniwetok 9 June, p.m. General meeting 10 June.

PONAPE TO KAPINGAMARANGI

8 JUNE 1955

Weather: Clear

Take-off at 0845 hours for Fumatahachi Island (Weather station site) and Touhou Island ETA 1000 hours.

Arrived at Kapingamarangi Atoll, plane landing at Fumatahachi Island at 0950 hours.

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PONAPE TO KAPINGAMARANGI (Continued)

Take-off from Kapingamarangi at 1345 hours.

See sketches for existing plan of island and for proposed weather station layout.

DATA ON FUMATAHAGHI

1. Area required for site as shown on sketch. Palm trees will have to be removed at building site. East end of island will be site for radio antennas, as antenna field toward northeast must be clear. No palm trees at the extreme east end. Site concurred in by Mr. Dieffenbach.
2. Soil is rocky loose coral with palm tree humus. Good for building site - little or no sand on main body of island.
3. Blasting would be required for Navy cubes for septic tanks; however, dozer might be able to excavate two coral heads near landing area, but are not obstruction to landing LCU.
4. Adequate sand and coarse coral aggregate on beaches for all concrete work.
5. Beaching facilities adequate for LCU and possibly for LST. See sketch for landing location, slightly west of center of island and on North (lagoon) side. Sandy narrow (20') beach rising approximately 2:1 slope from water. Beach o.k. for tracks and/or rubber tired vehicles.
6. Island is generally flat with mixed coral and humus surface. Body of island is 4' above high tide line. Trees will have to be removed from building site and shrubs from east end for antenna poles.
7. Approximately 30' from high tide line to building site.
8. No sandy areas found for disposal field - suggest ocean outfall.
9. See 7.
10. See sketches.

Inlet to lagoon. Safe passage for LCU and blasting required at entrance to lagoon if LST is used in lagoon. Recommend LSD support and LCU for construction.

Arrived at Ponape at 1700 hours.

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PONAPE TO KUSAIE (LELE ISLAND)

9 JULY 1955

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 EXECUTIVE ORDER 11652, 15, 1994
 AUTHORITY DERIVED FROM THE
 NATIONAL ARCHIVES RECORDS
 MANAGEMENT PROGRAM
 DEAN R. S. NIXON

Weather: Early rain - overcast

Take-off from Ponape at 0945 hours.

Landed at Kusaie 1240 hours. Take-off at 1615 hours.

Arrived at Eniwetok 1910 hours.

Heavy rain all during site recon.

Weather station site tentatively selected, while at Ponape and during discussion with Jack Youngstrom, (on whose land existing weather station is located), was extension of area of present weather station. Survey of this site revealed that available area is badly obstructed (see sketch) with existing buildings which cannot be moved. Existing weather operations building is at separate site, and while building is in poor condition, site is good from a meteorological standpoint, but lease on this site is doubtful.

It was recommended that an attempt be made to secure lease to Besin Point, which has sufficient area, is well suited meteorologically and is adapted for LCU/LST landing. This property is owned by the Congregational Church, and Cmdr. Rex will attempt to secure lease with help of DISTAD in Honolulu.

CHECK LIST FOR BOTH BEZIN POINT AND EXISTING WEATHER STATION SITE

1. Area for station: (A) Besin Pt., adequate
 (B) Existing station site to be checked after layout from field notes.
2. Soil both sites, loose rocks and loam. Tree clearing (moderate) on Besin Point only.
3. Blasting not anticipated either site.
4. Adequate source of coarse and fine aggregate near both sites.
5. Beaching available both sites; however, small amount of work required at Besin Point.
6. General contour existing weather station site is smooth with 3% slope to bank. Site at Besin Point generally smooth, but will need approximately 600-800 cubic yards fill on southwest corner.
7. Both sites at shore and roads.
8. Check advisability of lagoon sewer outfall in view of small area of site and natural slope to water.
9. Landing site at construction site, in each case.
10. See chart No. 5420, marked up.

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PHOTOS INCLUDING WEATHER STATIONS

Pre Briefing of VIPs by AEC ACB

alt - 400' above

color. unspid 200

Bench approaches

General hotel view

X

COMMUNICATIONS

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KUT + ^{2nd} TT Commercial Stations.

