DESCRIPTIVE REPORT

Type of Survey  Air Photographic

Field No.  T-8451  Office No.  T8451

LOCALITY

State  Alaska

General locality  Yakutat and Vicinity

Locality

CHIEF OF PARTY

R. W. Knox

LIBRARY & ARCHIVES

DATE  FEB 27 1948

DECLASSIFICATION BY NOAA
Pursuant to DOC SYSTEMATIC REVIEW
GUIDELINES AS DESCRIBED IN SECTION
3.3 (a), EXECUTIVE ORDER 12356
Appendage

The NA 1927 Datum on this map has been adjusted from 1959 traverse observations.

RWD 4/79
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

18451
Field No. 18451
REG. NO. 18451

State: Alaska

General locality: Yakutat Bay

Locality: Yakutat and vicinity

Scale: 1:20,000 Date of survey: 19.1942

Vessel: ---

Chief of party: R.W. Knox, chief of surveys

Surveyed by: (compiled)

Inked by: ---

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval: feet

Instructions dated: None 19...

Remarks: ---

"---"
Note: T-8451 was plotted together with T-8439 and T-8452 and the data for all three sheets are contained in this report.

DATA RECORD
T-8451

Quadangle:

Office:

Washington Compilation Office:

Chief of Party: R. W. Knox
Chief, Surveys Section

Instructions dated (II III):
None

Completed survey received in office: These sheets were compiled in the office at the request of the Army Engineers, submitted thru the Supervisor, N.W. District.

Reported to Nautical Chart Section:

Reviewed: October 13, 1942 Applied to chart No. Date:

Redrafting Completed:

Registered:

Published: Not published. Printed for Army only.

Compilation Scale: 1:20,000 Published Scale: 1:20,000

Scale Factor (III): 1.00


Reference Station (III): Center Radio Tower 1941

Lat.: 59°32'40.51" (1253.6) Long.: 139°43'35.99" (566.4) Unadjusted

Local System of Plane Coordinates (VI): Local Grid

\[ X = 50,000 \text{ ft.} \quad Y = 50,000 \text{ ft.} \]

The above station is origin of the grid. See page 3 of the Descriptive Report.

Military Grid Zone (VI)
Not shown.
PHOTOGRAPHS (III)

<table>
<thead>
<tr>
<th>Number</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>5614-5623</td>
<td>5/27/41</td>
<td>12:10-12:33 P.M.</td>
<td>1:20,000</td>
<td>6.4 ft. above M.L.W.</td>
</tr>
<tr>
<td>5692-5695</td>
<td>5/27/41</td>
<td>3:05-3:07 P.M.</td>
<td>1:20,000</td>
<td>8.3 ft. above M.L.W.</td>
</tr>
<tr>
<td>9855-9860</td>
<td>7/28/42</td>
<td>4:52-4:58 P.M.</td>
<td>1:20,000</td>
<td>5.8 ft. above M.L.W.</td>
</tr>
<tr>
<td>9874-9881</td>
<td>7/28/42</td>
<td>5:23-5:32 P.M.</td>
<td>1:20,000</td>
<td>5.8 ft. above M.L.W.</td>
</tr>
</tbody>
</table>

Tide from (III): Predicted Tables

Mean Range:

Spring Range:

Camera: (Kind or source)  C. and G. S. Nine Lens

Field Inspection by: Not Field Inspected
date:

Field Edit by: None
date:

Date of Mean High-Water Line Location (III): Shoreline is date of the above photographs except for sections covered by planetable surveys T-6830 and T-6831 (1941) which were traced from those surveys.

Projection and Grids ruled by (III) J. C. O'Neill
date:

" " " checked by: G. C. Tewinkel
date:

Control plotted by: G. C. Tewinkel
date:

Control checked by: G. C. Tewinkel by comparing with planetable surveys.
date:

Radial Plot by: G. C. Tewinkel
date:

Detailed by: G. C. Tewinkel
date:

Reviewed in compilation office by: B. G. Jones
date: [signature]
STATISTICS (III)

Land Area (Sq. Statute Miles):

- Shoreline (More than 200 meters to opposite shore):
- Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established:

Number of Temporary Hydrographic Stations located by radial plot:

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:
DESCRIPTIVE REPORT

T-8451

T-8451 was plotted together with T-8452 and T-8439. This report covers all three sheets. Since T-8451 is confidential and the other two sheets are not, duplicate reports have been filed for T-8452 and T-8439.

T-8451 is confidential. Negatives are in a confidential file, printing plates and celluloid manuscript have been destroyed.

These air photographic surveys cover Yakutat and vicinity, Alaska. They were compiled in the Washington Office at the request of the Corps of Engineers, U. S. Army. This request was submitted thru the Supervisor, Northwestern District.

FIELD INSPECTION

There was no field inspection of the photographs. The control for the photo plot was identified from details shown on the 1941 planestable surveys T-6830 and T-6831, and with the assistance of Lieut. George Nelson who worked in the area during 1941.

CONTROL

The following C. and G. S. Stations were used to control the plot:

Center Radio Tower 1941
Khantask Island Lighthouse 1941
Church Cross 1941
Bold 1941
Cain 1941
Dolgoi I. Rock 1941
Gregson I. Boulder 1941
Sawmill Gable 1941
Kriwai Boulder 1941
Kriwai House Gable 1941

Also, the following three C. and G. S. described recoverable
topographic stations were used:

Lip
Nat
Sul

Triangulation Station Situk situated on the outer coast at
longitude 139°37' was marked on the ground but the observations
were not completed and no position is available. However, the
direction from Ankau 2, 1941, to Situk was observed and the azimuth
of this line was plotted and used to control the radial plot.

RADIAL PLOT

The main radial plot was made with templets and the three
sheets were plotted as one unit. The photographs consisted of three
flight strips parallel to the coast.

The radial plot was well controlled at Yakutat and was extended
S.E. from Yakutat without control except for the azimuth Ankau 2, 1941,
to Situk.
Station Situk was identified closely with the assistance of Lieut. Nelson and cut in by the radial plot before plotting the azimuth Alaska 2, 1941 to Situk. The azimuth was then laid out on the map sheet and checked the radial plot position of Situk exactly. This furnished an excellent check on the azimuth of the radial plot as extended from the vicinity of Yakutat. No check was available on the extended plot as regards distance.

LOCAL GRID

None of the U. S. G. S. stations on the local grid could be identified on the photographs except the initial station "Central Radio Tower".

The railroad and the building S.W. of grid station T. Tr. 5 as shown on U. S. G. S. map "Yakutat Air Base and Vicinity" were identified and located by the photo plot.

The local grid North or Zero Azimuth of the grid was determined by astronomic observations by the U. S. G. S. in 1940. Assuming the grid orientation to be true north, the azimuth of the railroad as located by the radial plot on geographic positions and the azimuth of the railroad as shown on the U. S. G. S. map failed to agree by approximately 13 minutes. Near station Central Radio Tower (the initial of the grid) the two positions agree but from that point south eastward they swing apart in azimuth.
The radial plot also failed to check the U. S. G. S. map in over-all distance from Central Radio Station to the house near station T.Tr. 5. An attempt was made to lay the plot to agree with the U. S. G. S. azimuth of the railroad and positions of the house but without success.

The difference in distance is assumed to be due to error in the ground location of the house as shown on the U. S. G. S. map.

The difference in railroad azimuth is due to a difference in azimuth between the local grid control by the U. S. G. S. and the Coast Survey control. These schemes are entirely independent, the only common stations being the Center Radio Tower (zero of the grid) and station U.S.L.N. 179, 1941 which is within about 200 meters of station Center Radio Tower. The U. S. G. S. control was put in in 1940 and the U. S. C. & G. S. control in 1941.

The grid has been oriented on the map projection of T-8451 by holding the common station Center Radio Tower (grid zero point) and swinging the grid until the railroad azimuth on the U. S. G. S. map agreed with the railroad as shown on T-8451. The following note is shown on the map:

"This map was plotted from air photographs taken 5/27/41 and 7/28/42.

The photographic plot was controlled by U. S. C. & G. S. stations in the vicinity of Yakutat. The local grid control stations
could not be identified on the photographs and were not used. The local grid has been placed on the polyconic projection by holding the initial point on station "Center Radio Tower" and swinging the grid to agree with the azimuth of the railroad as determined by the photographic plot.

No ground examination has been made of either the photographs or the map manuscript.

The rocks awash shown on T-8439 and T-8451 were taken from planetable surveys T-6830 and T-6831 and have been generalized somewhat since the air photographic surveys are on a smaller scale. The larger scale planetable surveys should be used for chart correction of details shown on those surveys.

Reviewed in office by: G. C. Tewinkel and B. G. Jones

Examined and approved:

Robert W. Hintz
Chief, Surveys Section

K. T. Adams
Chief, Section of Topography

J. G. Borden
Chief, Division of Charts

Chief, Division of Coastal Surveys
January 14, 1943

To: Supervisor, Northwestern District,  
U.S. Coast and Geodetic Survey,  
601 Federal Office Building,  
Seattle, Washington.

From: The Director,  
U.S. Coast and Geodetic Survey.

Subject: Planimetric Maps for Yakutat, Alaska.

With reference to your letter of June 18, 1942, twenty-five copies each of planimetric maps numbers T-8459, T-8461 and T-8462 were forwarded to you today in three rolls. Copies of T-8459 and T-8462 were forwarded by ordinary mail. Copies of T-8461 are confidential and were forwarded by registered mail. Additional copies of these maps will be furnished for the use of the Corps of Engineers if requested.

The maps were compiled from nine-lens photographs taken during the summers of 1941 and 1942. Enclosed is a copy of the Descriptive Report which explains the adjustments of the local grid to the Coast and Geodetic Survey triangulation.

The eight o/s size prints of plans of the Yakutat Air Base and various Army installations forwarded with the letter of June 18 have been destroyed. Map number T-8461 covers the air field and all copies have been marked "confidential." Maps numbers T-8459 and T-8462 do not cover the Army installation at Yakutat and are not considered confidential.

Enclosure.  
Director.
January 14, 1943

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[Signature]

Enclosure. Director.
<table>
<thead>
<tr>
<th>Remarks</th>
<th>Decisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>545395</td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Pending with U.S. C.B. apply Monticello pending final decision.</td>
</tr>
<tr>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
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<td>540395</td>
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<td>27</td>
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<td>Name on Survey</td>
<td>A</td>
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<tr>
<td>--------------------------------</td>
<td>---</td>
</tr>
<tr>
<td>Ankan Creek</td>
<td>x</td>
</tr>
<tr>
<td>Cape Fehrs Peninsula</td>
<td>x</td>
</tr>
<tr>
<td>Point Carrow</td>
<td>x</td>
</tr>
<tr>
<td>Monti Bay</td>
<td>x</td>
</tr>
<tr>
<td>Ocean Cape</td>
<td>x</td>
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<tr>
<td>Ankan Head</td>
<td>x</td>
</tr>
<tr>
<td>Khantaak Island</td>
<td>x</td>
</tr>
<tr>
<td>Point Munoz</td>
<td>x</td>
</tr>
<tr>
<td>Point Turner</td>
<td>x</td>
</tr>
<tr>
<td>Pyramid Point</td>
<td>x</td>
</tr>
<tr>
<td>Village Shoal</td>
<td>x</td>
</tr>
<tr>
<td>Port Mulgrave</td>
<td>x</td>
</tr>
<tr>
<td>Rurk Harbor</td>
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<tr>
<td>Yakutat Roads</td>
<td>x</td>
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<tr>
<td>Fogat Cove</td>
<td>x</td>
</tr>
<tr>
<td>Redfield Cove</td>
<td>T-6831</td>
</tr>
<tr>
<td>Johnson Passage</td>
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</tr>
<tr>
<td>Dolgoi Island</td>
<td>x</td>
</tr>
<tr>
<td>Greggson Island</td>
<td>x</td>
</tr>
<tr>
<td>Fitzgerald Island</td>
<td>x</td>
</tr>
<tr>
<td>Kriwoi Island</td>
<td>x</td>
</tr>
<tr>
<td>Otmeloi Island</td>
<td>x</td>
</tr>
<tr>
<td>Krutoi Island</td>
<td>x</td>
</tr>
<tr>
<td>Yakutat Bay</td>
<td>x</td>
</tr>
<tr>
<td>Gulf of Alaska Pacific Ocean</td>
<td></td>
</tr>
<tr>
<td>Lost Creek</td>
<td>x</td>
</tr>
<tr>
<td>Situk River</td>
<td>x</td>
</tr>
<tr>
<td>Remarks</td>
<td>Decisions</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>-----------</td>
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<tr>
<td>15 Miles long</td>
<td>595395</td>
</tr>
<tr>
<td>Same as Ankan Creek.</td>
<td></td>
</tr>
<tr>
<td>In unnamed cove ENE. of Ofmeloi Is., near</td>
<td>595395</td>
</tr>
<tr>
<td>lat. 38.7', long. 146' (from T6921B)</td>
<td></td>
</tr>
<tr>
<td>See ch. 8455 for location of above name</td>
<td></td>
</tr>
<tr>
<td>Prince Shoal (near Village shoal)</td>
<td>595395</td>
</tr>
<tr>
<td>Blacksand Island</td>
<td>590398</td>
</tr>
<tr>
<td>284H Engineer Road</td>
<td>595345</td>
</tr>
<tr>
<td>Yakutat Landing Field</td>
<td></td>
</tr>
<tr>
<td>Ahranlin River</td>
<td>590398</td>
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<tr>
<td>Seal Creek</td>
<td></td>
</tr>
<tr>
<td>Takah Creek</td>
<td>590395</td>
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</table>

M 234
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<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
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<tbody>
<tr>
<td>Yakutat</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>1</td>
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<tr>
<td>Yakutat &amp; Southern R.R.</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Ankaa Valley</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Humpback Creek</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

Center near long. 153° 30'

Outer mouth near long. 153° 27'

From north - 24'

S.E. extension of Ankaa Cr. to Lost Cr. near long. 153° 30'.
May 23, 1942

AIR MAIL

To: The Director
U.S. Coast & Geodetic Survey
Washington, D.C.

From: Supervisor, Northwestern District
U.S. Coast & Geodetic Survey

Subject: Air photographic surveys of Yakutat.

An official request for compilation of the planimetric map mentioned in your letter 26-rr, May 20, 1942, will be made by the District Engineer. Some additional control data will be furnished. It is expected that the letter and data will be forwarded by the 28th of May.

A. M. Sobieralski
A. M. Sobieralski
The Director,

Coast and Geodetic Survey.

Attention: Lieut. Commander C. S. Reading

Dear Sirs:

In response to an oral request from Lieutenant Colonel Loper, Chief, Intelligence Division, Office Chief of Engineers, I am sending, under separate cover, a copy of a map entitled "Yakutat Air Base and Vicinity", published by this Survey for the Engineers Corps, together with a written description of control data established by the Geological Survey for field surveys of the Yakutat Air Base.

Yours very truly,

Director.

GFW 18451 6/20/42
TIDAL BENCH MARKS

Yakutat, Southeast Alaska.

BENCH MARK 1 (1940) is a standard disk, stamped "1 1940", set in
the north face of the concrete foundation to cannery, 1/2 foot below
the top of the foundation. The bench mark is located 655 feet northeast
along the railroad from the end of the wharf, 65 feet west of the northeast
corner of the cannery, 30 feet south of road, 6 feet south of rail, and 4
feet east of the east end of fish chute. Elevation: 28.36 feet above mean
lower low water; 23.01 feet above half tide level.

BENCH MARK 2 (1940) is a standard disk, stamped "2 1940", set in
top of triangular-shaped rock 3 feet on its sides. The top of rock slopes
southward and projects about 3 inches above ground. The bench mark is located
about 560 feet northeast along the railroad from the end of the wharf, about
125 feet southeast of twin water tower, 21 feet north of northeast corner of
cannery, 19 feet northeast of the northeast side of cannery, 9 feet south
of the south rail and one foot below top of rail. Elevation: 31.85 feet above
mean lower low water; 26.48 feet above half tide level.

BENCH MARK 3 (1940) is a standard disk, stamped "3 1940", set in
the top of a large boulder. The bench mark is located about 680 feet
northeast along the railroad from the end of the wharf, 135 feet west along
the railroad from the west side of loading platform on the north side of track,
about 225 feet east-southeast of twin water tower, 7 feet north of north rail
and 5 feet higher than the top of the rail. Elevation: 42.15 feet above mean
lower low water; 36.80 feet above half tide level.

BENCH MARK 4 (1940) is a standard disk, stamped "4 1940", set in
the top of a large granite boulder, about 170 feet southeast of the southeast
side of the cannery, 50 feet northeast of plank walkway, 8 feet southeast of
the south corner of bunkhouse. Elevation: 29.83 feet above mean lower
low water; 24.48 feet above half tide level.

BENCH MARK 5 (1940) is a standard disk, stamped "5 1940", set in
the top of a large boulder on the beach. The top of the boulder, which is about
one foot above the sand beach, is concave and has the shape of a pentagon about
3 feet on a side. The bench mark is about 325 feet southeast of the southeast
side of the cannery, about 170 feet south of the south corner of bunkhouse, 20
feet southwest of plank walkway. Elevation: 12.51 feet above mean lower low water;
7.16 feet above half tide level.

Elevations are based on 3 months of automatic gage records, May-July,
1940, reduced to mean values.
Elevations of tide planes at Yakutat referred to mean lower low water
are as follows:

<table>
<thead>
<tr>
<th>Height of Tide</th>
<th>Elevation (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highest tide (estimated)</td>
<td>44.00</td>
</tr>
<tr>
<td>Higher high water</td>
<td>40.20</td>
</tr>
<tr>
<td>Mean high water</td>
<td>39.30</td>
</tr>
<tr>
<td>Half tide level</td>
<td>35.35</td>
</tr>
<tr>
<td>Mean low water</td>
<td>1.50</td>
</tr>
<tr>
<td>Lower low water</td>
<td>0.00</td>
</tr>
<tr>
<td>Lowest tide (estimated)</td>
<td>-4.00</td>
</tr>
</tbody>
</table>
Summary of horizontal and vertical control:

The following is a list of the triangulation stations, traverse stations and bench marks established in connection with the topographic mapping of the proposed Yakutat Air Base and vicinity.

For the horizontal positions a rectangular grid was adopted having its origin at the center of the center radio tower at the C.A.A. radio beam station with the assigned values of: \( X = 50,000 \) and \( Y = 50,000 \) feet.

The datum of all elevations is mean lower low water. (see descriptions of U.S.C. & G. S. tidal bench marks.

Center of center radio tower at the C.A.A. radio beam station. (There are four corner towers and one center tower.)

\[
\begin{align*}
X &= 50,000 \\
Y &= 50,000
\end{align*}
\]

Flag #1 Copper nail and washer in small clump of trees and about 45 feet SW of track.

\[
\begin{align*}
X &= 34,223.5 \\
Y &= 35,525.6 \\
\text{Elev.} &= 34.56
\end{align*}
\]

Flag #2 Copper nail and washer in notch cut in 22" spruce about 50 feet SW of track.

\[
\begin{align*}
X &= 31,018.7 \\
Y &= 32,027.8 \\
\text{Elev.} &= 26.73
\end{align*}
\]

(The signal, single white flag, is not directly over the station mark and has the following coordinates: \( X = 31,017.9 \) \( Y = 32,031.0 \))

Flag #3 Copper nail and washer in root of 36" spruce.

\[
\begin{align*}
X &= 35,881.6 \\
Y &= 33,053.9 \\
\text{Elev.} &= 25.82
\end{align*}
\]

Flag #4 Copper nail and washer in stake under 18" spruce.

\[
\begin{align*}
X &= 37,565.0 \\
Y &= 34,537.2 \\
\text{Elev.} &= 28.63
\end{align*}
\]

Flag #5 Copper nail and washer under 24" spruce.

\[
\begin{align*}
X &= 39,864.7 \\
Y &= 36,573.6 \\
\text{Elev.} &= 31.49
\end{align*}
\]

Flag #6 Copper nail and washer in notch cut in NW side of 14" spruce.

\[
\begin{align*}
X &= 41,487.3 \\
Y &= 38,861.3 \\
\text{Elev.} &= 33.47
\end{align*}
\]

Flag #7 Copper nail and washer in stake on north side of 16" spruce.

\[
\begin{align*}
X &= 45,597.8 \\
Y &= 38,376.4
\end{align*}
\]

Flag #8 Copper nail and washer in stake on north side of spruce

\[
\begin{align*}
X &= 44,538.9 \\
Y &= 34,289.2 \\
\text{Elev.} &= 25.57
\end{align*}
\]
Flag #9  Copper nail and washer in stake under 12" spruce.
X = 42,056.2  Y = 33,751.0
Elev. 20.30

Flag #10 Copper nail and washer in notch in base of 10' spruce.
X = 39,807.3  Y = 32,016.4
Elev. 21.21

Flag #11 Copper nail and washer in stake under 16" spruce.
X = 37,750.3  Y = 31,001.0
Elev. 19.17

Flag #12 Copper nail and washer in stake on north side of 16" spruce.
X = 35,288.6  Y = 29,512.3
Elev. 15.40

Flag #13 Copper nail and washer in stake on south side of 18" spruce.
X = 32,542.1  Y = 28,401.7
Elev. 15.35

Flag #14 Copper nail and washer in stake on north side of 11" spruce.
X = 40,922.1  Y = 29,141.4
Elev. 15.10

Flag #15 Copper nail and washer in root of 12" spruce.
X = 44,815.2  Y = 31,188.3
Elev. 14.73

Flag #17 Copper nail and washer in stake on north side of 11" spruce.
X = 47,896.4  Y = 37,029.0
Elev. 14.19

Flag #23 Copper nail and washer in notch out in base of lone 14" spruce.
X = 42,470.9  Y = 37,510.5
Elev. 13.20

T. Tr.#1 Standard tablet in concrete post about 555 ft. SE of mile post #3
and about .27 ft. SW of track.
X = 39,523.1  Y = 41,399.2
Elev. 48.45

T. Tr.#2 Standard tablet in concrete post about 15 ft. SE of mile post #4
and about 23 ft. SW of track.
X = 36,283.5  Y = 37,786.6
Elev. 57.16

T. Tr.#3 Standard tablet in concrete post about 1200 ft. SE of mile post #5
and about 25 ft. SW of track.
X = 31,890.8  Y = 33,021.4
Elev. 27.99

T. Tr.#4 Standard tablet in concrete post about 300 ft. NW of mile post #7
100 ft. NW of bridge over Lost Creek and 30 ft. NE of track.
X = 25,973.3  Y = 26,232.0
Elev. 18.15

T. Tr.#5 Standard tablet in concrete post at end of Lost Creek spruce and about
2 ft. west of end of north tail.
X = 28,431.0  Y = 22,422.3
Elev. 15.63
Control - Yakutat Air Base

USLM S-179 U. S. General Land Office monument S-179. An iron post on bank on west side of track and opposite north end of railroad Y. Post is about 3 ft. south of old stump.

I = 50,318.2  Y = 57,093.7

Elev. 71.52

Azimuth to Cross on church spire: 131°23'00"
To: Commander A. W. Schieralski, Supervisor Northwestern District, U. S. Coast and Geodetic Survey, 601 Federal Office Building, Seattle, Washington

The following listed survey control description cards and drawings are furnished with letter of June 13, 1942, our file SF 311.5 (Alaska Surveys).10

<table>
<thead>
<tr>
<th>Drawing Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-1</td>
<td>Building Locations, Camp and Ranger Areas (SECRET)</td>
</tr>
<tr>
<td>F-2</td>
<td>Building Locations, Camp Area (SECRET)</td>
</tr>
<tr>
<td>F-3</td>
<td>Building Locations, Dock Area (SECRET)</td>
</tr>
<tr>
<td>F-4</td>
<td>Layout Plan (SECRET)</td>
</tr>
<tr>
<td>F-5</td>
<td>Final Location of Landing Field</td>
</tr>
<tr>
<td>F-6</td>
<td>A CHURCH</td>
</tr>
<tr>
<td>F-8</td>
<td>A RADIO</td>
</tr>
<tr>
<td>F-9</td>
<td>A USLM-179</td>
</tr>
<tr>
<td>F-10</td>
<td></td>
</tr>
<tr>
<td>F-11</td>
<td></td>
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<td>F-12</td>
<td></td>
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<tr>
<td>F-13</td>
<td></td>
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</tbody>
</table>

(Total: 42 Control Cards)

<table>
<thead>
<tr>
<th>Drawing Number</th>
<th>Title</th>
</tr>
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<tbody>
<tr>
<td>N-59-40 (sheet 1)</td>
<td>Building Locations, Camp and Ranger Areas (SECRET)</td>
</tr>
<tr>
<td>N-59-40 (sheet 2)</td>
<td>Building Locations, Camp Area (SECRET)</td>
</tr>
<tr>
<td>N-59-40 (sheet 3)</td>
<td>Building Locations, Dock Area (SECRET)</td>
</tr>
<tr>
<td>N-59-36 (sheet 1)</td>
<td>Layout Plan (SECRET)</td>
</tr>
<tr>
<td>N-59-36 (sheet 2)</td>
<td>Final Location of Landing Field</td>
</tr>
</tbody>
</table>

(Total: 6 Drawings)

Print: SG-V-16b | "Survey Control - Monti Bay, Alaska" |

Tabulation: Tabulation of Plane Rectangular Coordinates Yakutat Army Air Base

Survey Control Section, G. Weiss