### 5870

Diagid. on diag. ch. No. 1255

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

#### DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation

Field No. Office No. T-5870

LOCALITY

State Florida

Ceneral locality / Lee County

Locality Caloosahatchee River

Page Field and vicinity

Mins. Lems. photos: 12/13/39; 11/11/142 Supplements
by Ground Surveys
15 March 1943

CHIEF OF PARTY

Lieut. Comdr. Kenneth G. Crosby

LIBRARY & ARCHIVES .

DATE any 7-1947

B-1870-1 (1)++

70ct. 47 473 hichols. Examined after V.4Rev. no changes made.

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#### DATA RECORD

T-5870

Quadrangle (II):

Project No. (II): H.T.242 G.

Field Office: Tampa, Fla. Chief of Party: K. G. Crosby

Compilation Office:

Chief of Party: K. G. Crosby

Tampa, Fla.

Instructions dated (II III):

Copy filed in Descriptive Report No. T-

4/3/40

Completed survey received in office:

1/11/44

Reported to Nautical Chart Section: 16

11/30/45 Reviewed: Applied to chart No.

Redrafting Completed: 3/3/47

Registered: 7/47

Published:

Compilation Scale: 1:10.000 Published Scale: // 0000

Scale Factor (III): 1.00

Geographic Datum (III): N.A.1927 Datum Plane (III): .88 feet below sea level (Okeechobee Datum)

Reference Station (III): NIGGER, 1926,1928,34

Long .:

Adjusted

26° 33' 53.525" (1647.3m)

81° 54' 45.782" (1267.1m)

State Plane Coordinates (VI):

X = 528,530.09

Military Grid Zone (VI)

#### PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
4251 4252 4253 11570 11571 11572 11573	12/13/39 11/12/42	11:08 11:09 11:10 11:02 11:03 11:04	1:10,000 th th th th th	-0.3 -0.3 -0.3 +0.2 +0.2 +0.2 +0.2

Tide from (III): Ft. Myers, Caloosahatchee River, Ref: Tampa Bay

Mean Range: 0.7 Spring Range: 0.9

Camera: (Kind or source) U.S.C.& G.S. 9 lens ( $8\frac{1}{4}$  focal length)

Field Inspection by: H. A. Duffy, Prin. Photo Aid date: Feb-Mch. 1943 L.C.Bonham, Jr.Photo. Engr.

Field Edit by:

date:

Date of Mean High-Water Line Location (III): Date of photographs

Projection and Grids ruled by (III) J.O.N. Wash.offdate: 5/21/43

" " checked by:

date:

Control plotted by: R. Dossett, Prin Photo Aid

date: 7/13/43

Control checked by: O. M. Rivera, Sr. Photo Aid

date:

Radial Plot by: Tampa Office Personnel

date: July 1943

Detailed by: R. Dossett, Prin. Photo Aid

date: Nov.Dec. 1943

Reviewed in compilation office by: F. H. Elrod, Prin. Photo Aid

date:Dec. 1943
Jan. 1944

Sheet

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Elevations on Field Edit Sheet checked by:

date:

#### STATISTICS (III)

Land Area (Sq. Statute Miles): 20

Shoreline (More than 200 meters to opposite shore): 12

Shoreline (Less than 200 meters to opposite shore): 6

Number of Recoverable Topographic Stations established: 21

Number of Temporary Hydrographic Stations located by radial plot: 35

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
TO Accompany
SHEET T - 5870

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#### CONTROL

Five triangulation stations appear within the tracing limits of this sheet. All were held by the draftsmen to establish additional radial points.

These stations were evenly distributed through the center of the sheet and except for the Eastern edge of the tracing limits, where the photographic coverage was limited, they were adequate for control.

was limited, they were adequate for control.

Along the Eastern tracing limits it was necessary to use a few "two point" radial intersections in order to bring Page Field, the U. S. Army Air Base, under control. These points were checked against the X & Y G-P's furnished later by the U. S. Corps of Engineers for Page Field, and found to be in excellent agreement.

Page Field was transfered to this map drawing from the plans furnished by the U. S. Corps of Engineers, as it did not appear on the photographs. It was well controlled by the Geographic Positions for the runways and property boundaries that accompanied the plans, and these positions have been plotted on the sheet.

#### MAIN RADIAL PLOT

Discussion of the Main Radial Plot which includes this sheet has been made a part of the descriptive report for sheet T-5872

#### DETAILING

The detailing of this sheet has been done according to the current instructions for this project.

Field inspection notes were plentiful.

All photographs were generally clear and of reasonably good scale.

Some difficulty was experienced in detailing due to the changes in the character of the detail from 1939 to 1942; the photographs 4251, 4252, 4253, having been made in 1939 while 11570, 11571, 11572 and 11573 were made in 1942. By a careful observance of field notes, however, it is believed that the truest interpretation has been obtained.

\* 2 layout plans, 4 vertical photos, and 8 oblique photos product to this office wisher transmitting letter dated gon 17, 44 newed and put in airport but tiles. Consult there when verieuring what says t en 1980 en europe de la companya La companya de la co \*Legal of Participation of the Sound and the contract of the contra နှင့်အကြည်းသည် အကျင်းသည်။ ရှေ့ကျားသို့ 👢 🔻 Contract of the Angle of the Contract of the C ုန်းကို မြောင်းသည်။ မောက်သော မြောင်းသည် အချိန်းများ မောက်သည်း သည်။ အချိန်းများ မြို့များ မြောက်သောသောသည်။ သည် သည် မောက်ဆိုကို အားသည် သည် ကြို့သည် သည် သည် မြောက်သည် အကြောက်သော ကြို့သည်။ သည် မြောက်သည် သည်လေးမျှ ကများသည် သည် အကြောက်များသည်။ ကြို The second control of The Mark of A

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#### SUPPLEMENTAL DATA

Plans for the Ft. Myers Army Air Field (Page Field) were obtained from the U. S. Corps of Engineers. These plans were used for the drafting of Page Field independently of the photographs.

Also the Corps of Engineers furnished a single lens photograph from which taxiways between runways were taken as they did not appear on the advance plans used in detailing Page Field. Since the detailing was completed the Engineers furnished a complete layout plan which has been forwarded to the Washington office.

#### LANDMARKS AND AIDS TO NAVIGATION

The non floating aids appearing on this sheet have been listed on form 567 and made a part of this report.

No uncharted landmarks worthy of charting appear in the area. Refer to reviewers report for new Landmark "Airway Bin., 1945".

#### HYDROGRAPHIC CONTROL

Thirty five unmarked hydrographic stations bearing a short description appear within the tracing limits of this sheet.

The following marked hydrographic stations also appear:

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#### GEOGRAPHIC NAMES

A report on Geographic Names covering the area, and Caloosahatchee River, San Carbos Bay, Pine Island and Matlacha Pass, was submitted to the Washington office by Harold A. Duffy, Prin. Photogrammetric Aid, May 31, 1943.

#### COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

There was no topographic sheet available for a comparison of this area.

#### COMPARISON WITH NAUTICAL CHARTS

A comparison was made with U. S. Coast and Geodetic Survey, Estero Bay to Lemon Bay Chart No. 1255. The scale difference was too great for a thorough comparison, but no large disagreements were noted in the detail.

Respectfully submitted,

Rudolph Dossett, Prin. Photo. Aid.

Forwarded by:

Kenneth G. Crosby Chief of Party...

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Form 567 (Rev. April 1942)

## DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY

# LANDMARKS FOR CHARTS

Tampa Photogrammetric Office

., 19,11 Jen. 10

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks, be charted on (deleted from) the charts indicated.

The positions given have been checked after listing.

STRIKE OUT ONE

TO BE CHARTED TO BE DEL ETED.

Section filled in Nouticel Charts Charts Charts としている 6007

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landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U. S. GOVERNMENT PRINTING OFFICE 16-27869-1

#### Division of Photogrammetry

#### Review of Planimetric Map T-5870

#### Radial Plot. (See Descriptive Report T-5872)

Orientation of the photographs under the acetate indicates good radial intersections.

#### Field Inspection and Detailing.

These were generally adequate. Few changes in the manuscript were necessary during the review with the exception of Page Field. This airfield was revised during the review in accordance with the latest plans and photographs furnished by the Tampa Photogrammetric Office and as listed on page 2 of the descriptive report.

#### Comparison with Previous Topographic Surveys.

T-5870 has been compared with and supersedes previous survey T-4281, 1:10,000, 1927, over the common area. There have been many changes in shoreline and along shore features since the previous survey.

#### Comparison with Nautical Charts.

Absence of a record in the descriptive report indicates that this manuscript has not been applied to the chart as of the date of this review. The manuscript shows many details for addition to the chart.

The airway beacon at Page Field was not reported as a landmark for charts, but is recommended by the reviewer, since it is approximately 75 feet high, for inclusion on the chart.

The elevation of the beacon is 76 feet (approx.) above Okeëchobee Datum (.88' below Mean Sea Level) and is believed to be easily visible from seaward.

Reviewed by:

Reviewed under direction of:

Lena T. Stevens Photogrammetrist

Nov. 26, 1945

S. V. Griffith

Chief, Review Section

APPROVED BY:

Technical Assistant to the Chief, Nautical Cha Chief, Div. of Photogrammetry Division of Charts

Chief, Div. of Photogrammetry Chief, Div. of Coastal Burveys

#### NAUTICAL CHARTS BRANCH

SURVEY NO. 75870

#### Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
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ļ			Examined - no changes made now
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M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.