

PAGS

Gustavus Airport

USER GUIDE SEPTEMBER 2016



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Thank you!

Orbx would like to thank you for purchasing FTX US PAGS Gustavus Airport (PAGS).

The charming little Gustavus Airport is the latest from Russ White, who continues to explore the Alaskan wilderness.

PAGS is an Alaska State-owned facility with large jet capability, although the only airline that actually flies there by jet is Alaska Airlines. Built during World War II, the development of the Gustavus airport and airfield (and the presence of the Federal Aviation Administration in Gustavus at the time) were two of the features that allowed the town of Gustavus to grow and flourish during the last half of the 20th century. Today, its great runway facility, open terrain, and easy approach make the Gustavus Airfield a perfect gateway to the Icy Strait area, where thousands of annual visitors from all over the world make their many connections for Gustavus and other Southeast Alaskan communities and of course the area's crown jewel attraction- Glacier Bay National Park. Covering 3.3 million acres of rugged mountains, dynamic glaciers, temperate rainforest, wild coastlines, and deep sheltered fjords, Glacier Bay National Park is a highlight of Alaska's Inside Passage and part of a 25-million acre World Heritage Site-one of the world's largest international protected areas. Accessible only by plane or boat, this pristine area of Alaska contains all the classic features that people from all over the world come to Alaska to see: Vast pristine wilderness areas, huge mountains, glaciers and icebergs, rainforest and giant old growth trees, and healthy populations of fascinating wildlife species including brown bears, whales, and moose, among many others.

Facilities and aircraft

The airport includes a small terminal building for Alaska Airlines passengers, a few other small charter company structures, and two well-maintained asphalt runways; 6,700' and 3,010' respectively. As with many other small Alaskan town airports, the air traffic is busiest during the peak summer months of June through to August.

Source: Wikipedia, the free encyclopedia and <http://www.gustavus.com/>



Product requirements

This scenery airport addon is designed to work in the following simulators: **Microsoft Flight Simulator X**, **Lockheed Martin Prepar3D v1**, **Lockheed Martin Prepar3D v2** and **Lockheed Martin Prepar3D v3**.

Orbx FTX Southern Alaska is also required for full functionality.

What will you miss out on if you don't have Orbx FTX Southern Alaska installed?

- Blending of the airport photoreal into the surrounding terrain
- Moving traffic on roads, properly aligned to the photoreal ground terrain
- Enhanced FTX Global 3D lighting system with improved FPS in urban/township streets around the airport
- Orbx's modified houses and trees which match North American houses and trees

Please visit <https://orbxdirect.com/product/pnw> to purchase your copy of FTX Southern Alaska if you haven't already done so.



Quick Installation Guide

Installing Orbx FTX PAGES is all managed by our FTX Central application. This app is responsible for many aspects in maintaining your Orbx installation. Please visit the support forums to learn more.

Once you have purchased PAGES it will be added to your account and you can have FTX Central download and install it for you. The appropriate scenery library entries will also be managed by FTX Central.

You may also manually download PAGES and then have FTX Central manage the installation for you once downloaded.

An internet connection is required for FTX Central to validate your license.

Please note that the above all refers to FTX Central 3. Earlier versions of FTX Central are no longer supported but will still function as before. The integration of FTX Central with your OrbxDirect account is only available with FTX Central version 3 and above.



Scenery Coverage Area



Airport Information and Charts

Location Information for PAGS

Coordinates: N58°25.52' / W135°42.45'

Located 00 miles NE of Gustavus, Alaska on 1821 acres of land. View all [Airports in Alaska](#).

Surveyed Elevation is 35 feet MSL.

Magnetic Variation from 2015 is 20° East

Operations Data

Airport Use: Open to the public

Activation: January 1949

Date:

Status: Operational

Control Tower: No

Seg-Circle: Yes

Beacon: Clear-Green

(Lighted Land Airport)

Wind Indicator: Yes, Not Lighted

Lighting: SS-SR

Schedule:

A.R.T.C.C.: ANCHORAGE

F.S.S.: JUNEAU

NOTAMS Facility: GST (NOTAM-D available)

Sectional Chart: JUNEAU

ARFF Cert: I A S 03/2005

ARFF SERVICES, ARPT CON REPORT & ARPT MAINT ARE AVBL DURING SCHEDULED AIR CARRIER OPERATIONS, AT OTR TIMES ARPT MAINT ON IREG BASIS. RECOMMEND VISUAL INSP PRIOR TO USING.

Airspace Analysis: NO OBJECTION

Attendance: ALL/MON-FRI/0700-1500

Airport Communications

AWOS-3: 125.9

CTAF: 122.500

ASOS at HHN (21.9 SE): 132.05 907-945-3687

ASOS at JNU (35.8 E): 907-789-1243

ATIS at JNU (35.9 E): 135.2

Remarks:

APCH/DEP SERVICE PROVIDED BY ANCHORAGE ARTCC ON FREQS 133.2/360.65 (GUSTAVUS RCAG).

Nearby Navigation Aids

ID	Name	Freq	Radial / Range	ID	Name	Freq	Bearing / Range
SSR	SISTERS ISLAND	114.00	296° 20.6	GAV	GUSTAVUS	219	149° 0.2
				EEF	ELEPHANT	391	116° 20.9
				CGL	COGHLAN ISLAND	212	076° 32.1
				HNS	HAINES	245	350° 48.1

Runway 11/29

Dimensions: 6721 x 150 feet / 2049 x 46 meters

Surface: Asphalt / Grooved in Good Condition

Weight Limits: S-60, D-100

Edge Lighting: Medium Intensity

Runway 11

Coordinates: N58°25.96' / W135°43.04'

Elevation: 34.9

Gradient: 0.1

Traffic Pattern: Left

Runway Heading: 115° Magnetic, 135° True

Markings: Basic in good condition.

Glide Slope Indicator: V4R (3.00° Glide Path Angle)

REIL: Yes

Obstacles: 68 ft Trees 1900 ft from runway

Runway 29

Coordinates: N58°25.18' / W135°41.55'

Elevation: 27.9

Gradient: 0.1

Traffic Pattern: Left

Runway Heading: 295° Magnetic, 315° True

Markings: Non-Precision Instrument in good condition.

Glide Slope Indicator: V4L (3.00° Glide Path Angle)

REIL: Yes

Obstacles: 68 ft Trees 1900 ft from runway

Runway 02/20

Dimensions: 3146 x 60 feet / 959 x 18 meters

Surface: Asphalt in Good Condition

Weight Limits: S-40

Runway 02

Coordinates: N58°25.20' / W135°43.09'

Elevation: 29.5

Gradient: 0.1

Traffic Pattern: Left

Runway Heading: 021° Magnetic, 041° True

Displaced Threshold: 136 Feet

Markings: Basic in good condition.

Obstacles: 18 ft Trees 650 ft from runway

Runway 20

Coordinates: N58°25.59' / W135°42.45'

Elevation: 31.4

Gradient: 0.1

Traffic Pattern: Left

Runway Heading: 201° Magnetic, 221° True

Displaced Threshold: 136 Feet

Markings: Basic in good condition.

Obstacles: 72 ft Trees 1200 ft from runway

Services Available

Fuel: 100LL (blue), Jet-A

Transient Storage: NONE

Airframe Repair: MINOR

Engine Repair: MINOR

Bottled Oxygen: NONE

Bulk Oxygen: NONE

Ownership Information

Ownership: Publicly owned

Owner: ST OF AK DOT SE REGION

6860 GLACIER HWY

JUNEAU, AK 99801-7999

907-465-1786

Manager: MICHAEL PEDERSEN

PO BOX 239

GUSTAVUS, AK 99826

907-697-2251

Operational Statistics

Single Engine Aircraft Based on Field: 13

Multi-Engine Aircraft Based on Field: none

Jet Aircraft Based on Field: none

Helicopters Based on Field: 1

Military Aircraft Based on Field: none

Glider Based on Field: none

Ultralights Based on Field: none

Statistics collected for 12 month period ending 2012-12-31

Annual Commercial Operations: 200

Annual Commuter Operations: none

Annual Air Taxi Operations: 3300

Annual Military Operations: 50

Annual GA Local Operations: 200

Annual GA Itinerant Operations: 2000

Other Remarks

THIS AIRPORT HAS BEEN SURVEYED BY THE NATIONAL GEODETIC SURVEY.

TRANSIENT ACFT PARKING AVBL EAST SIDE OF RY 02/20. BE ALERT; SOFT ASPH. ACFT OVR 12500 LBS NOTIFY AMGR MON-FRI 0800-1600, 24 HR PRIOR TO ARRIVAL AT 907-697-2251.

9 FT FENCE 554 FT SOUTH OF RY 02/20

GUSTAVUS ARPT WX CAMERA AND SISTERS ISLAND WX CAMERA AVBL ON INTERNET AT [HTTP://AKWEATHERCAMS.FAA.GOV](http://AKWEATHERCAMS.FAA.GOV)

24 HOUR PPR REQ FOR CARGO OPS OVER 100K CALL 907-697-2251.

BE ALERT: SEE GENERAL NOTICES - ENROUTE CTAF FREQS.

ARPT MAINTENANCE DUTY HRS NOV 1 - MAR 31 MON-SUN 0500-1300, APR 1-OCT 31 MON-FRI 0700-1500.

PARACHUTE JUMPING ONTO ARPT RY; TWY & ACFT PARKING APRON PROHIBITED.

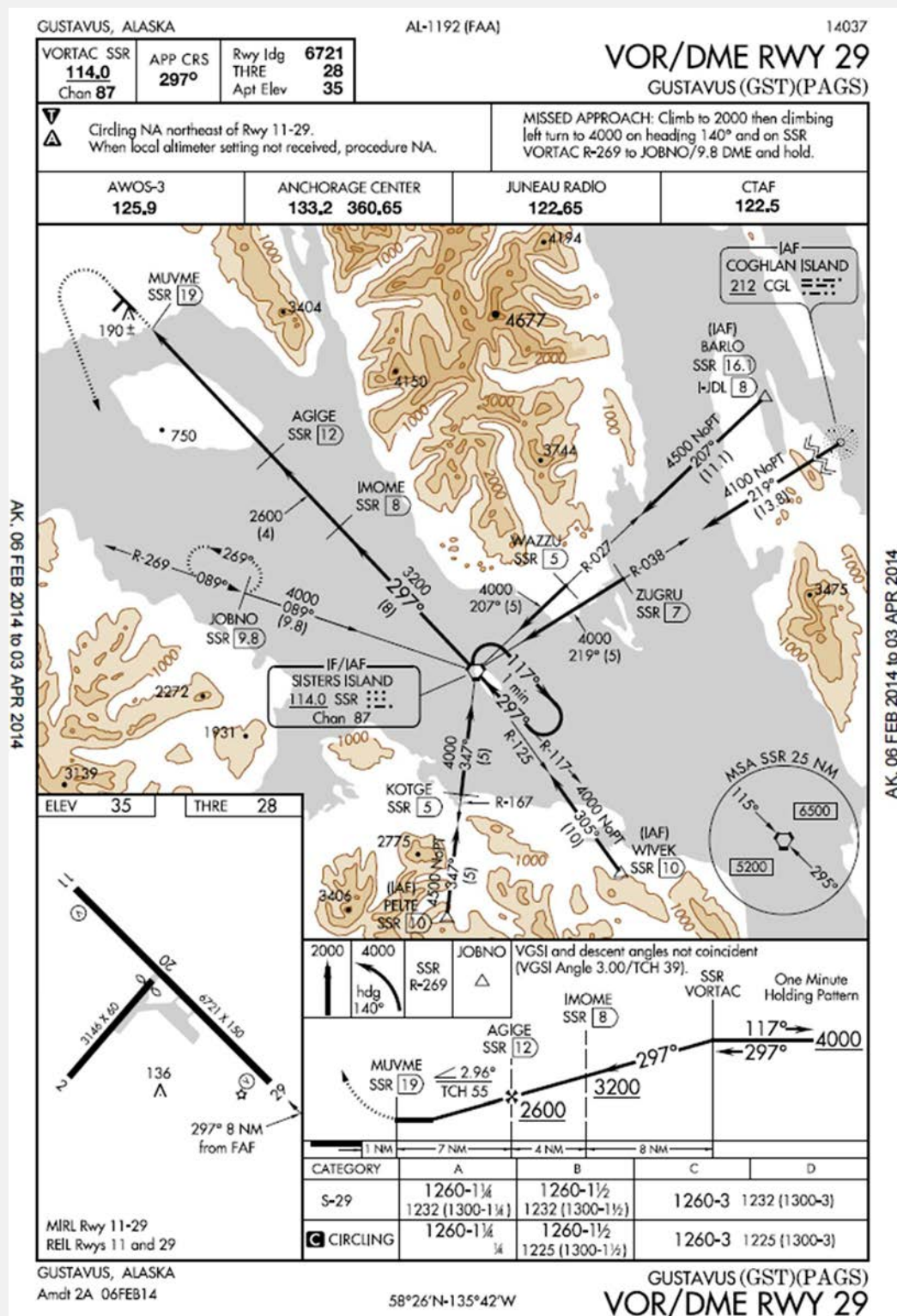
LIMITED SNOW REMOVAL ICE CONTROL RY MAINT & ARPT HAZARDOUS CONDITIONS (EXCLUSIVE OF HOLIDAYS) ONLY AVBL & REPORTED DURING ARPT MAINT DUTY HRS.

RY 02/20 MAINTAINED FOR OPERS IN WINTER MONTHS; RECOMMEND DAYLIGHT OPNS ONLY.

BIRDS, BEAR AND MOOSE ON & INVOF RY.

CLOSED TO AIR CARRIER OPERATIONS WITH MORE THAN 30 PASSENGER SEATS EXCEPT PRIOR PERMISSION REQUIRED IN WRITING TO REGIONAL DIRECTOR DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION 6860 GLACIER HIGHWAY JUNEAU AK 99801-7999.

Official FAA Data Effective 2014-02-06 0901Z



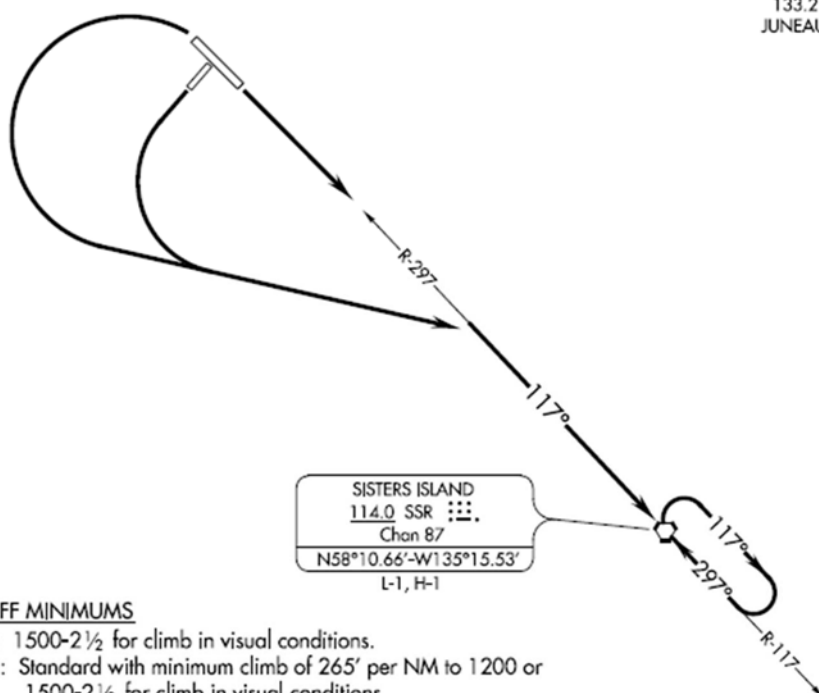
(GSTVS1.SSR) 13178

SL-1192 (FAA)

GUSTAVUS ONE DEPARTURE (OBSTACLE)

GUSTAVUS (GST)(PAGS)
GUSTAVUS, ALASKA

ANCHORAGE CENTER
133.2 360.65
JUNEAU RADIO
122.65



TAKEOFF MINIMUMS

- Rwy 2: 1500-2½ for climb in visual conditions.
- Rwy 11: Standard with minimum climb of 265' per NM to 1200 or 1500-2½ for climb in visual conditions.
- Rwy 20: Standard with minimum climb of 323' per NM to 1200 or 1500-2½ for climb in visual conditions.
- Rwy 29: Standard.

TAKEOFF OBSTACLE NOTES

- Rwy 11: Trees beginning 1009' from DER, 151' left and right of centerline, up to 140' AGL/147' MSL.
- Bush 140' from DER, 472' right of centerline, 24' AGL/34' MSL.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb in visual conditions to cross Gustavus Airport at or above 1500, continue climb to at or above 3000 via SSR VORTAC R-297 to SSR VORTAC. When executing VCOA, notify ATC prior to departure.

TAKEOFF RUNWAY 11: Climbing right turn to at or above 3000 to intercept SSR VORTAC R-297 to SSR VORTAC or climb in visual conditions to cross Gustavus Airport at or above 1500 then climb to at or above 3000 via SSR R-297 to SSR VORTAC. When executing VCOA, notify ATC prior to departure.

TAKEOFF RUNWAY 20: Climbing left turn to at or above 3000 to intercept SSR VORTAC R-297 to SSR VORTAC or climb in visual conditions to cross Gustavus Airport at or above 1500 then climb to at or above 3000 via R-297 to SSR VORTAC. When executing VCOA, notify ATC prior to departure.

TAKEOFF RUNWAY 29: Climbing left turn to at or above 3000 to intercept SSR VORTAC R-297 to SSR VORTAC.

GUSTAVUS ONE DEPARTURE (OBSTACLE)
(GSTVS1.SSR) 13178

GUSTAVUS, ALASKA
GUSTAVUS (GST)(PAGS)

AK, 06 FEB 2014 to 03 APR 2014

AK, 06 FEB 2014 to 03 APR 2014

Source <http://skyvector.com/airport/GST/Gustavus-Airport>

The PAGS Control Panel

The PAGS Control Panel can be accessed from the main FTX Central interface by clicking the Configure button.

The Control Panel will enable you to disable or enable certain scenery features of the airport to allow it to perform in accordance with the PC hardware you have. By default, all scenery options are enabled by the installer. If you have a high end PC, enable all the CP options. For low to mid-range PCs it is recommended to try disabling some settings.

Quick Reference Simulator Settings

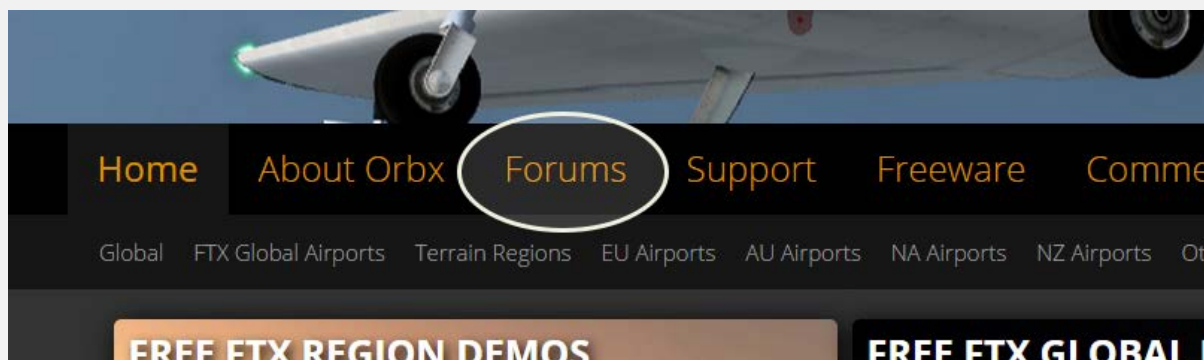
The table below lists in a handy reference the minimum recommended settings required in your simulator to enjoy PAGS the way Orbx designed it. These settings will run well on most PCs and take particular advantage of the custom mesh and photoreal imagery used in the scenery area.

If you use the settings below you will be guaranteed the highest fidelity experience and the best balanced performance.

Setting	Value	Why?
Level of detail radius	Large	Reduces blurring of textures.
Global texture resolution	Max	Displays photoreal textures best.
Mesh complexity	100	Better terrain definition.
Mesh resolution	5m	5 m is required for PAGS
Texture resolution	7 cm	Sharpest roads and freeways.
Scenery complexity	Extremely Dense	How Orbx designed FTX PAGS.
Autogen density	Normal	Best FPS vs detail.
GA AI traffic	16-50%	Recommended for this scenery.
Road vehicle traffic	16%	No need to set higher for FTX.

Product Technical Support

Orbx has a very simple support policy: no question unanswered. That means, should you have any questions about PAGES or its use, please feel free to register on the forums at orbxdirect.com and then log a support question in the FTX Payware Support Forum section. Orbx FTX experts will be available to review your support questions and you will usually get a reply on the forums within 12 hours, often much sooner than that.



To visit our support forums, click on the “Forums” button shown on the homepage of orbxdirect.com.

Please do NOT email support requests

Orbx provides world-class support on our forums, and it’s the only way in which you can receive support for PAGES. Provided you adhere to the forum terms of use and have a legitimate copy of PAGES, you will always be offered our support at no cost as we work toward a resolution to your problem each time.

Use the forum search function

Before you post a question, please try searching for the answer first, using the forum’s built in search function located on the forum menu bar.

What to include in your support requests

If at all possible, this is what we’d like to see provided for each request you log:

- A separate post on the FTX support forums for each issue (don’t tag new issue reports onto existing threads).
- Include your ORDER NUMBER from your PAGES purchase in your post or forum signature section.
- A screenshot to highlight what you are talking about.
- A descriptive post title which clearly states what the issue is.
- Detailed comments in your post about what you are reporting on.

The Orbx support team is always on standby to assist you with any problems you may have, or will comment on your issue reports. Please remember, our priority is fixing any urgent issues first, and addressing bug reports second. Clearly though, any “show stopper” bugs will be given top priority though.

FTX Community Forums

FTX already has quite a thriving and active user community on the forums, with over 63,000 members as of September 2016. To visit the forums, just point your web browser to orbxdirect.com and from the front page click the “Forums” menu item.

You don’t need a user account to view other people’s posts and information posted by Orbx staff, but if you’d like to join in on the discussion there, simply create an account. It’s instant and no validation email is required. We like to keep things simple☺.

We hope to see you there soon!

Thanks for reading!

You’ve stuck with us through all these pages of information, and we appreciate you taking the time to read the user guide. We hope it gave you some tips and insights. See you on the forums!



The FTX PAGS Team

Lead Developer

- **Russ White:** All 3D modeling, texturing, ground imagery, ground polys, autogen annotation.

Additional Orbx Developers

- **Orbx Team:** Orbxlibs objects
- **Chris Clack:** APX & ADE work
- **Holger Sandmann:** Roads/traffic adjustments, flattens, aerial imagery acquisition and processing

Specialist Roles

- **John Venema:** Business management
- **Ed Correia:** Production Management
- **Ben McClintock:** FTX Central and website

Beta Testing Team

Rob Newman, Rob Abernathy, Frank Schnibben, Phil Manhart, Friedi Gulder and Eberhard Haberkorn.



End User License Agreement (EULA)

For the most recent version of the EULA, see orbxdirect.com/eula.

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