

Pursuant to Assembly Bill 361 members of the Airport Commission and staff will participate in this meeting via teleconference or other electronic means.

PARTICIPATE BEFORE THE MEETING by emailing AIRPORTCOMMISSION@TorranceCA.Gov and write "Public Comment" in the subject line. In the body of the email include the item number and/or title of the item with your comments.

MEMBERS OF THE PUBLIC MAY VIEW AND PARTICIPATE IN THE MEETING via Zoom by using the following link or by calling in with the phone number listed below: <https://bit.ly/3oRTDj3>
Phone number: 1 669) 900-9128
Meeting ID: 972 0062 9217
Passcode: 791971

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's office at (310) 618-2780. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28CFR35.102-35.104 ADA Title II]
Direct questions or concerns to the Commission Liaison at (310) 784-7900 or individual department head prior to submission to the Commission. Parties will be notified if the complaint will be included on a subsequent agenda.

**TORRANCE AIRPORT COMMISSION AGENDA
MAY 12, 2022
REGULAR MEETING
7:00 P.M. VIA TELECONFERENCE OR OTHER ELECTRONIC MEANS**

**AIRPORT COMMISSION MAY TAKE ACTION ON ANY ITEM
LISTED ON THE AGENDA**

1. CALL MEETING TO ORDER

ROLL CALL: Commission members: De Rago _____, Gong _____, Cohen _____, Witherill _____, Zygielbaum _____, Chair O'Brien _____

2. FLAG SALUTE:

3. REPORT OF THE AIRPORT STAFF ON THE POSTING OF THE AGENDA

The agenda was posted on the Public Notice Board at 3031 Torrance Bl. And on the City's Website on Thursday, May 5, 2022.

4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS

5. ORAL COMMUNICATIONS (Limited to a 15 minute period)

This portion of the meeting is reserved for public comment on items on the agenda or on topics of interest to the general public. Under the Ralph M. Brown Act, Commissioners cannot act on items raised during public comment but may respond briefly to statements made or questions posed; request clarification; or refer the item to staff. Speakers under this Public Comment period will have no longer than 1 minutes per speaker. Please do not use Bluetooth or speaker devices, mute the volume on your television or other electronic devices and speak clearly. Your phone call to the Commission meeting will be recorded as part of the meeting. By staying on the line and making public comment during the meeting, you are agreeing to have your phone call recorded.

6. CONSENT CALENDAR

Matters listed under the Consent Calendar are considered routine and will be enacted by one motion and one vote. There will be no separate discussion of these items. If discussion is desired, that item will be removed by a Commissioner from the Consent Calendar and considered separately.

6A. APPROVAL OF MINUTES APRIL 14, 2022.

7. ADMINISTRATIVE MATTERS

7A. Accept and File Monthly Update of Aeronautical Operational Information Under the Purview of the General Services Department.

7B. Community Development – Accept and File Torrance Municipal Airport (Zamperini Field) Noise Abatement Update.

7C. Accept and File Presentation on Torrance Airport Storm Water Basin Project by the Public Works Department, City of Torrance.

7D. Accept and File Presentation by the Sling Pilot Academy Management Regarding Noise Abatement Procedures used at Torrance Airport.

8. ADJOURNMENT

Adjournment of the Airport Commission Meeting to Thursday, June 9, 2022, at 7:00 p.m. Pursuant to Assembly Bill 361 members of the Airport Commission and staff will participate in this meeting via teleconference or other electronic means.

**MINUTES OF A REGULAR MEETING
OF THE AIRPORT COMMISSION**

1. CALL MEETING TO ORDER

The Torrance Airport Commission Agenda convened in a regular session at 7:00 p.m. on Thursday, April 14, 2022, via teleconference.

ROLL CALL

Present: Commissioners Cohen, De Rago, Gong, and Chair O'Brien.

Absent: Commissioners Witherill and Zygielbaum.

Also Present: Facility Operations Manager Gerry Pinela, City of Torrance Airport Manager Rafael Herrera, Environmental Quality Officer Nora Duncan, and Community Development Director Michelle Ramirez.

MOTION: Commissioner De Rago moved to excuse the absence of Commissioners Witherill and Zygielbaum. Commissioner Gong seconded the motion. A roll call vote reflected 4-0 approval (Commissioners Witherill and Zygielbaum absent).

2. FLAG SALUTE

Commissioner Cohen led the Pledge of Allegiance.

3. REPORT FROM THE AIRPORT STAFF ON THE POSTING OF THE AGENDA

Chair O'Brien reported that the agenda was posted on the Public Notice Board at 3031 Torrance Boulevard and on the City's Website.

4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS

– None.

5. REPORT FROM THE AIRPORT STAFF ON THE POSTING OF THE AGENDA

Members of the Commission spoke:

- Chair O'Brien suggested having a presentation from a lead at the Sling Pilot Academy to explain training methods to promote noise abatement.
- Commissioners Cohen, De Rago, and Gong replied that they are open to the idea of a presentation from a lead at the Sling Pilot Academy.

MOTION: Commissioner Cohen moved to have Staff invite a lead from Sling Pilot Academy to present training methods and procedures to promote noise abatement. Commissioner Gong seconded the motion. A roll call vote reflected 4-0 approval (Commissioners Witherill and Zygielbaum absent).

- Chair O'Brien inquired about the Storm Water Basin Project and requested a presentation on how the project would affect the Torrance Airport. Facility Operations Manager Gerry Pinela replied that Staff can request the Public Works Department to give an overview presentation; Facility Operations Manager Pinela stated that the project has been approved by City Council.

MOTION: Commissioner Cohen moved to request that Staff ask the Public Works Department to provide an overview presentation of the Storm Water Basin Project. Commissioner De Rago seconded the motion. A roll call vote reflected 4-0 approval (Commissioners Witherill and Zygielbaum absent).

- Chair O'Brien stated that there's a concern regarding the Lomita Complex's proximity to the Torrance Airport and inquired if the City had reached out to them; Chair O'Brien pointed out that through the California Realtor Board Code, there is a disclosure letting residents know an airport is within two miles of a residence. In response, Facility Operations Manager Gerry Pinela stated he had checked with the FAA Tower and confirmed that it's not in the Commission's purview as the complex is outside of the City.
- Commissioner Cohen stated that out of good will, someone should inform the Lomita Complex staff.
- Community Development Director Michelle Ramirez stated that the City of Lomita is responsible - as part of their CEQA process - to include Conditions of Approval to notify tenants at the Lomita Complex.
- Facility Operations Manager Gerry Pinela stated the following:
 - The Commission was provided an email regarding annual commission appointments schedule.
 - Repairs were done on the aprons and ramps.
 - A job walk took place regarding taxiway light repairs; taxiway Alpha and Bravo (all the way through Juliet) have been opened with temporary reflectors.
 - In preparation, Staff purchased materials to keep costs down; approximately 90-95% have been secured to date.

6. CONSENT CALENDAR

6A. APPROVAL OF MINUTES: MARCH 10, 2022

MOTION: Commissioner De Rago moved to approve the March 10, 2022, meeting minutes as presented. Commissioner Gong seconded the motion. A roll call vote reflected 3-0 approval (Commissioners Witherill and Zygielbaum absent and Commissioner Cohen abstaining).

7. ADMINISTRATIVE MATTERS

7A. ACCEPT AND FILE MONTHLY UPDATE OF AERONAUTICAL OPERATIONAL INFORMATION UNDER THE PURVIEW OF THE GENERAL SERVICES DEPARTMENT

City of Torrance Airport Manager Rafael Herrera presented a report with monthly updates regarding aeronautical operational information.

- There are (341) hangars and (181) tie-downs; both are trending down.
- AWOS System job specifications are continuing to be built; project is moving forward.

- Regarding Emergency Response from Operations, (3) incidents were reported, Torrance Fire Department was not required for any.

Members of the Commission spoke:

- Commissioner Cohen inquired about room rentals in the GA Room. In response, Airport Manager Rafael Herrera stated that he will coordinate with Staff to obtain room rental rates.

7B. COMMUNITY DEVELOPMENT – ACCEPT AND FILE TORRANCE MUNICIPAL AIRPORT (ZAMPERINI FIELD) NOISE ABATEMENT UPDATE

Environmental Quality Officer Nora Duncan presented an update on the Torrance Municipal Airport noise abatement:

- Staff and consultant have completed the execution of the Services Agreement.
- Consultant obtained a business license and assigned a project manager and an account manager to the City.
- Staff and Casper have held several virtual meetings.
- Subcontractor has inspected the noise monitoring terminals at least twice.
- Staff determined (1) monitor will stay in its current location; evaluations are still underway.
- Staff is working with the consultant to obtain permits for installation.
- Staff will meet with consultant bi-monthly for surety that project is on track and will provide updates to the Commission.
- Torrance Municipal Code, otherwise known as the Early Left Turn Code, Section 51.2.3(e), states that aircrafts taking off to the West shall not turn left until they have reached the ocean or gained an altitude of 1,500 feet; the Section was designed as a noise abatement program. The City Attorney received verification from the FAA that the Early Left Turn Code is not enforceable by the City, it is under the jurisdiction of the FAA exclusively.

Members of the Commission spoke.

- Chair O'Brien requested a presentation from a Caspar account executive to answer questions posed by the Commission and the public. Environmental Quality Officer Nora Duncan replied and suggested that Staff will investigate the matter closer to going live with the public-facing portion of the system. Environmental Quality Officer Nora Duncan stated that she will talk with Caspar staff during their next virtual meeting.

MOTION: Commissioner Gong moved to accept and file Items 7A and 7B; Item 7A pertaining to the monthly update of aeronautical operational information under the purview of the General Services Department, and Item 7B pertaining to the Torrance Municipal Airport (Zamperini Field) noise abatement update. Commissioner Cohen seconded the motion; a roll call vote reflected 4-0 approval (Commissioners Witherill and Zygielbaum absent).

8. **ADJOURNMENT**

MOTION: At 7:58 p.m., Commissioner Cohen moved to adjourn the meeting to Thursday, May 12, 2022, at 7:00 p.m. via teleconference. Commissioner Gong seconded the motion; a roll call vote reflected 4-0 approval (Commissioners Witherill and Zyguelbaum absent).

###

Subject to Approval

Honorable Chair and Members
of the Airport Commission

Members of the Commission:

SUBJECT: Transmittal of Aeronautical Operational Information under the Purview of
the General Services Department for the Months of **APRIL 2022**

The General Services Department acts as both the landlord for the city-owned facilities
at the airport and as business manager for the airport. As such, the department is
providing the following informational reports for review by the commission:

Report #1: Hangar and Tie down Rental Status

Report #2: Ongoing Projects

Report #3: Meeting Room Calendar

Report #4: Hangar Waiting List

Report #5: Events Requiring Emergency Response

Report #6: Airfield Operations Status

For any questions about this transmittal, please call Rafael Herrera at
(310) 784-7900.

REPORT 1

ZAMPERINI FIELD

HANGAR AND TIEDOWN INFORMATION

Total Number of City-Owned Hangars	341
Total Number of Hangar Vacancies	5
Total Number of Airport Tiedowns	181
Total Number of Tiedowns Available	61

The 341 hangars owned by the City are broken down into three size categories: small, medium, and executive. Of 341 total hangars, 74 were built by the City, while 267 hangars were funded by several private contractors. At time of construction, these hangars were built with individual preferences in mind and were not standardized according to size. Here are approximate sizes of small, medium and executive hangars.

Small Type A: Under 40' Door Opening Width	800-1,200 sq. ft.
Small Type B: 40'-41' Door Opening Width	800-1,200 sq. ft.
Medium: 52'-54' Door Opening Width	1,200-2,200 sq. ft.
Executive: 57'-61' Door Opening Width	2,200-3,200 sq. ft.

Current rates for hangars are: \$0.619/sq. ft. per month for Torrance Residents.
\$0.694/sq. ft. per month for Non-Residents.

Current rates for Tiedowns are: Single Engine \$123.00
Twin Engine \$136.00

Current rates for Transient (Overnight) are: Single Engine \$10.00
Twin Engine \$16.00
Jet Engine \$21.00

REPORT 2

ONGOING PROJECTS May 12, 2022

1. Automated Weather Observing System (AWOS) – We continue to build our job specifications for this project. We have met with AWOS specialist, Federal Aviation Administration, electrical contractor, airport engineering consulting firms to structure a plan for this project. This is a multi-component project that involves location, weather equipment installation, and implementation. We will have monthly updates as we progress through this development. We are looking to solidify the final details to formally advertise the design and built phase of this project. We will meet with our vendors and contractors to review all the technical information to thoroughly analyze this project at every step of the way. We will have monthly updates as we progress through this development.

NON- INFRASTRUCTURE

Capital Projects

	<u>FEAP #</u>	<u>PRIMARY FUNDING</u>	<u>PROJECT TOTAL</u>
Automated Weather Observing System (AWOS)	FEAP – 00722	AIRPORT	\$352,000
Remodel General Aviation Center and East “T” Restrooms	FEAP – 00719	AIRPORT	\$275,000
Total			\$627,000.00

REPORT 3

MAY AIRPORT MEETING ROOM SCHEDULE

5/3	FAA	5:00PM-6:00PM	A & B
5/4	NOISE ABATMENT	12:30PM-2:30PM	A & B
5/4	FAA	4:00PM-5:00PM	A & B
5/4	AYSO	6:30PM-9:30PM	A & B
5/5	SO BAY QUILTERS	10:00AM-12:00PM	A & B
5/6	AA MEETING	7:00PM-9:00PM	A & B
5/11	SO BAY/ LONG BEACH 99	6:00PM-9:30PM	A & B
5/13	AA MEETING	7:00PM-9:00PM	A & B
5/14	PRIVATE RENTAL	9:00PM-12:00PM	A & B
5/15	INDIVISIBLE SO BAY	2:00PM- 4:00PM	A & B
5/17	BOY SCOUTS	7:30PM-9:30PM	A & B
5/18	SO BAY ARCHERY	7:30PM-9:30PM	A & B
5/19	TORRANCE FIRE DEPT	6:30AM-10:30PM	A & B
5/20	AA MEETING	7:00PM-9:00PM	A & B
5/24	SO BAY ORCHID SOCIETY	7:00PM-8:00PM	A & B
5/27	AA MEETING	7:00PM-9:00PM	A & B
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REPORT 4

HANGAR WAITING LIST

1	Schmidt, O.	01/17/12	MEDIUM
2	Giannola, P.	08/08/12	MED/EXEC
3	Bohner, R.	08/21/12	EXEC
4	Freitag, D.	11/05/12	EXEC
5	Striplin, D.	04/17/13	EXEC
6	Myronowicz, C.	05/01/13	MED/EXEC
7	Dwoskin, D.	07/12/13	EXEC
8	Deaver R.	10/22/13	EXEC
9	Ellison, B.	11/05/13	EXEC
10	Adams, R.	01/10/14	EXEC
11	Grau, W.	01/31/14	MED/EXEC
12	Yarymovych, N.	05/05/14	MED/EXEC
13	Rietdyk, G.	11/26/14	MED/EXEC
14	Deal, J.	03/12/15	MED/EXEC
15	Deal, B.	03/12/15	MED/EXEC
16	Myers, L.	03/12/15	MED/EXEC
17	Reisman, G.	08/20/15	MEDIUM
18	Garcia, D.	08/20/15	MED/EXEC
19	Hadley, L.	08/31/15	MED/EXEC
20	Schladen, M.	02/18/16	MED/EXEC
21	Robinson, A.	03/22/16	MEDIUM
22	Broen, P.	05/06/16	MED/EXEC
23	Macey, B.	08/02/16	MED/EXEC
24	Van De Velde, D.	09/26/16	MEDIUM
25	Woodside, D.	12/29/16	MED/EXEC
26	Ristevski, B.	01/09/17	MED/EXEC
27	Mabry, M.	01/24/17	MED/EXEC
28	Geiger, G.	02/06/17	EXEC
29	Adli, B.	02/22/17	EXEC
30	Constable, W.	03/23/17	EXEC
31	Stewart, D.	04/07/17	EXEC
32	Regan, K.	05/24/17	MEDIUM
33	Gerts, I.	06/27/17	MEDIUM
34	Armstrong, S.	11/14/17	MED/EXEC
35	Levine, M.	01/26/18	MED/EXEC
36	Bryson, Z.	03/22/18	EXEC
37	Badour, S.	09/24/18	MED/EXEC
38	Wachner, J.	10/02/18	MED/EXEC
39	Vartanian, J.	10/15/18	MED/EXEC
40	McNerney, R.	11/05/18	MED/EXEC
41	McKay, R.	03/28/19	MEDIUM
42	Burshtan, D.	06/24/19	MEDIUM
43	Ribitsch, R.	10/04/19	MEDIUM
44	Jenkins, R.	12/03/19	MEDIUM
45	Colton, J	06/03/20	MEDIUM
46	Ristevki, B.	10/02/20	MED/EXEC

47	Elminoufi, G.	01/08/21	MED/EXEC
48	McGivern, J.	05/14/21	MED/EXEC
49	Zimmer, C.	05/26/21	EXEC
50	Hong, D.	06/17/21	MED/EXEC
51	Henry, M.	09/28/21	MED/EXEC
52	Ford, W.	09/28/21	MEDIUM
53	Liu, A.	12/28/21	MED/EXEC
54	Blaire, W.	03/31/22	SMALL TYPE A OR B/MED/EXEC
55	Mascelli, J	04/04/22	SMALL TYPE A OR B
56	Dessy, M.	04/05/22	SMALL TYPE A OR B
57	Becker, J.	04/07/22	SMALL TYPE A OR B
58	Foxlin, X.	04/13/22	SMALL TYPE A OR B
59	Peterson, J.	04/19/22	SMALL TYPE B/EXEC
60	Smith, C.	4/19/22	SMALL TYPE B
61	SchroebeL, J.	04/6/22	SMALL TYPE A OR B
62	Jimenez, R.	05//04/22	SMALL TYPE B/MED
63	Gazsi, T.	05/04/22	SMALL TYPE A OR B

Summary of Changes to Hangar Waiting List

Applicants From Waiting List Who Received Hangars

Williams, R.	11/22/21	Small Type B
Peterson, J.	04/19/22	Small Type B/Exec
Smith, C.	04/19/22	Small Type B
Langebro, H.	03/28/22	Small Type A or B
Brilhart, C.	03/30/22	Small Type A or B/Med
Hatch, C.	03/28/22	Small Type A or B

New Waiting List Applicants Added

Foxlin, X.	04/13/22	Small Type A or B
Schroebele, J.	04/26/22	Small Type A or B
Jimenez, R.	05/04/22	Small Type B/Med
Gazsi, T.	05/04/22	Small Type A or B

Request For Refund/Removal From Hangar Waiting List

Gray, T.	04/19/22	Small Type A or B
Hendricks, W.	08/09/21	Small Type A or B

*Hangars Received Through Advertisement (not from Waiting List)

REPORT 5

EVENTS REQUIRING EMERGENCY RESPONSE FOR THE MONTH OF MARCH 2022

OPERATIONS	-----TOTAL	15,204
INCIDENTS	-----	3
ACCIDENTS	-----	0
PERCENT OF OPERATIONS	-----	.01

Airport Incidents:

3/8/2022- 17:17- A Cessna C-170 aircraft upon landing incurred a prop and nose strike at 29R. Mobile 102 assisted with tow back to owner's hangar without further incident. TFD was not required.

3/23/2022- 10:45- A Sling aircraft upon landing veered off the runway and damaged a sign & light fixture on 29L. 102 responded to the aircraft at 11R run-up area. Aircraft taxied back on its own and escorted by 102 to hangar without further incident. TFD was not required.

3/26/2022- 15:10- A Lancair aircraft incurred a flat tire upon landing 29R. Mobile 102 towed aircraft to tenant's hangar without further incident. TFD was not required.

Definitions:

ACCIDENTS: An occurrence associated with the operation of an aircraft, which takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death or serious injury, or in which the aircraft receives substantial damage.

SUBSTANTIAL DAMAGE means damage or failure which adversely affects the structural, strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component. Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage".

SERIOUS INJURY means any injury which: (1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; (2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle or tendon damage; (4) involves any internal organ; or (5) involves second or third degree burns; or any burns affecting more than 5% of the body surface.

INCIDENT: Any occurrence other than an accident associated with the operation of an aircraft, which affects or could affect the safety of operations.

NOTE: Per the FAA, Airport Operations totals will no longer be reported for the previous month. Due to automation, the totals will now be reported two months after they occur.

REPORT 6

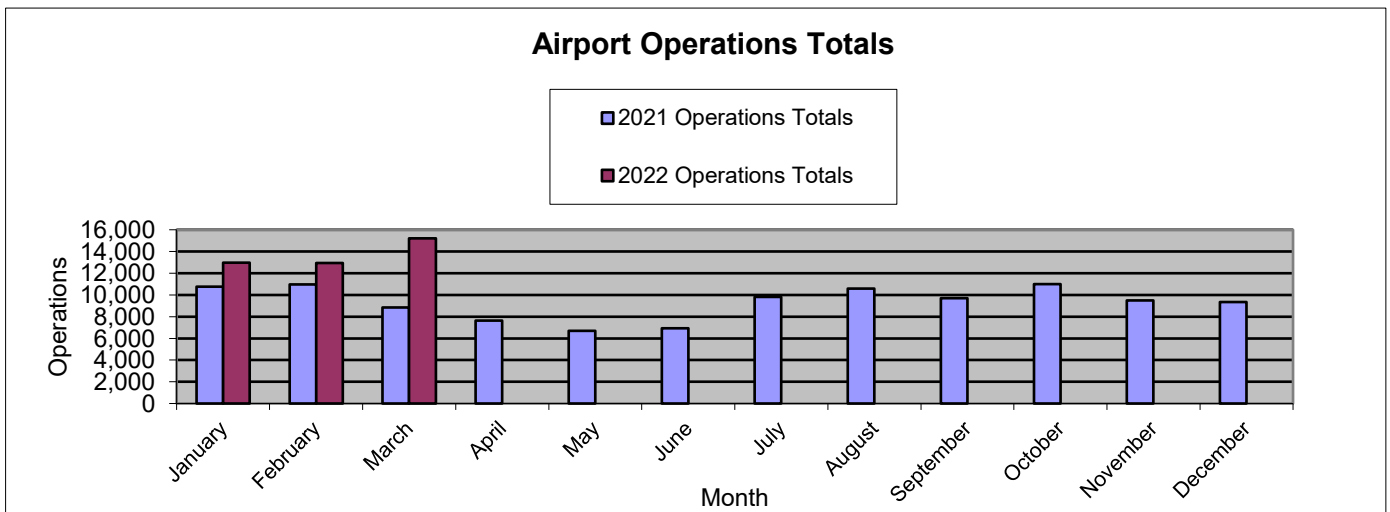
AIRFIELD OPERATIONS STATUS ZAMPERINI FIELD

OPERATIONS ACTIVITIES FOR THE MONTH OF **MARCH 2022**

- Morning runway, taxiway, and hospital pad/lights checked for safety
- Foreign object debris checked on all runways and taxiways
- Storm water check done (for foreign object debris) for all drains, inlets, and outlets
- All runways, taxiways, and ramp areas vacuum swept
- Various hangars cleaned and prepared for rental
- All taxiway lights and signs sprayed for weeds
- All runways and taxiways swept
- Large items removed from trash bin area
- FOD removed from fence line

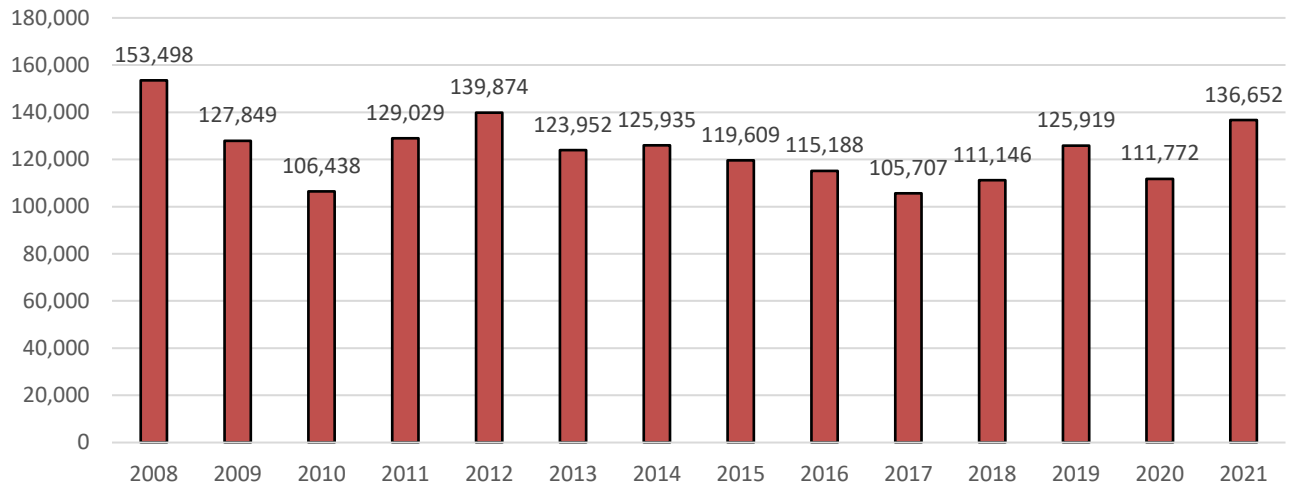
2021/2022 OPERATIONS TOTALS

Month	Year	Operations		Month	Year	Operations
January	2021	9,167		January	2022	12,965
February	2021	10,607		February	2022	12,930
March	2021	10,944		March	2022	15,204
April	2021	13,137		April	2022	
May	2021	11,446		May	2022	
June	2021	13,098		June	2022	
July	2021	12,539		July	2022	
August	2021	14,177		August	2022	
September	2021	11,877		September	2022	
October	2021	11,031		October	2022	
November	2021	10,212		November	2022	
December	2021	8,417		December	2022	



2008 - 2021 Airport Operations Totals

■ Total Operations



Chair and Members
of the Airport Commission
City Hall
Torrance, California

Members of the Commission:

SUBJECT: Community Development – Accept and File Torrance Municipal Airport (Zamperini Field) Noise Abatement Update.

Since the last update at the Airport Commission meeting of April 14, 2022, the below actions have taken place or will need to take place.

- The Consultant (Casper) has ordered the equipment for the new ATC recorder and Noise Monitors.
- Casper has completed the specific design for the Noise system(s).
- Casper and Staff are working on the Project Delivery documentation.
- Casper, Casper's subcontractor and Staff have decided that all noise monitors will remain in place, no movement is needed at this time.
- Before noise monitor installation, Casper's subcontractor will visit the monitor sites to make sure the sites are cleaned up and prepared for the installations.
- The Consultant is on track to have the noise monitors operational in June, barring any supply chain delays.
- Once the system is operational, it will be tested for approximately one week.
- Casper has set a tentative date for training Staff in June.
- Staff continues to meet with the Consultant bi-monthly to help keep the project on track and update Commission and City Council on a regular basis.

Staff will continue to update the Commission as the project progresses.

Respectfully submitted,

MICHELLE G. RAMIREZ
COMMUNITY DEVELOPMENT DIRECTOR

By Jana Dartois
Jana Dartois
Environmental Quality Officer

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Airport Commission Meeting of
May 12, 2022

Honorable Chair and Members
of the Airport Commission
City Hall
Torrance, California

Members of the Commission:

**SUBJECT: Accept and File Presentation on Torrance Airport Storm Water Basin
Project by the Public Works Department, City of Torrance.**

Staff presentation by the City of Torrance, Public Works Department regarding the
Airport Storm Water Basin Project as requested by your honorable body at the
April 14, 2022 Airport Commission meeting.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Gerry Pinela".

Gerry Pinela,
Facilities Operations Manager

Item 7C

Torrance Airport Storm Water Basin Project

Presenter: Wilson Mendoza
City of Torrance
WMendoza@TorranceCA.gov
T: 310.618.3052



Project Overview

The Torrance Airport Storm Water Basin Project (Project) will divert, capture and treat urban storm water runoff up to 120 acre-feet per year from the cities of Torrance, Rancho Palos Verdes, Rolling Hills Estates, Palos Verdes Estates, Rolling Hills and LA County Unincorporated.

- Primary and Secondary Objectives:
 - To comply with the 2012 NPDES MS4 Permit requirements by capturing and diverting the volume of water from the 24-hour 85th Percentile storm runoff.
 - To improve the quality of Machado Lake by eliminating dry-weather runoff and reducing wet-weather pollutants transported in storm water such as Total Nitrogen, Total Phosphorous, Total Suspended Solids, bacteria, toxics, heavy metals, and petroleum products.
- Project Status – Engineering Design Phase in progress.
- Est. Construction Cost: \$12,000,000





Project Location



- Project location is at Torrance Municipal Airport and is identified in the Machado Lake Enhanced Watershed Management Program (EWMP).
- Project is downstream of Palos Verdes Peninsula cities where storm water is comingled with drainage from Torrance prior to flowing into a major drainage system under the Torrance Airport.

- The Project will divert and store stormwater to later be pumped to the Joint Water Pollution Control Plant in the City of Carson for re-use as part of the Integration of Regional Projects to recharge groundwater.



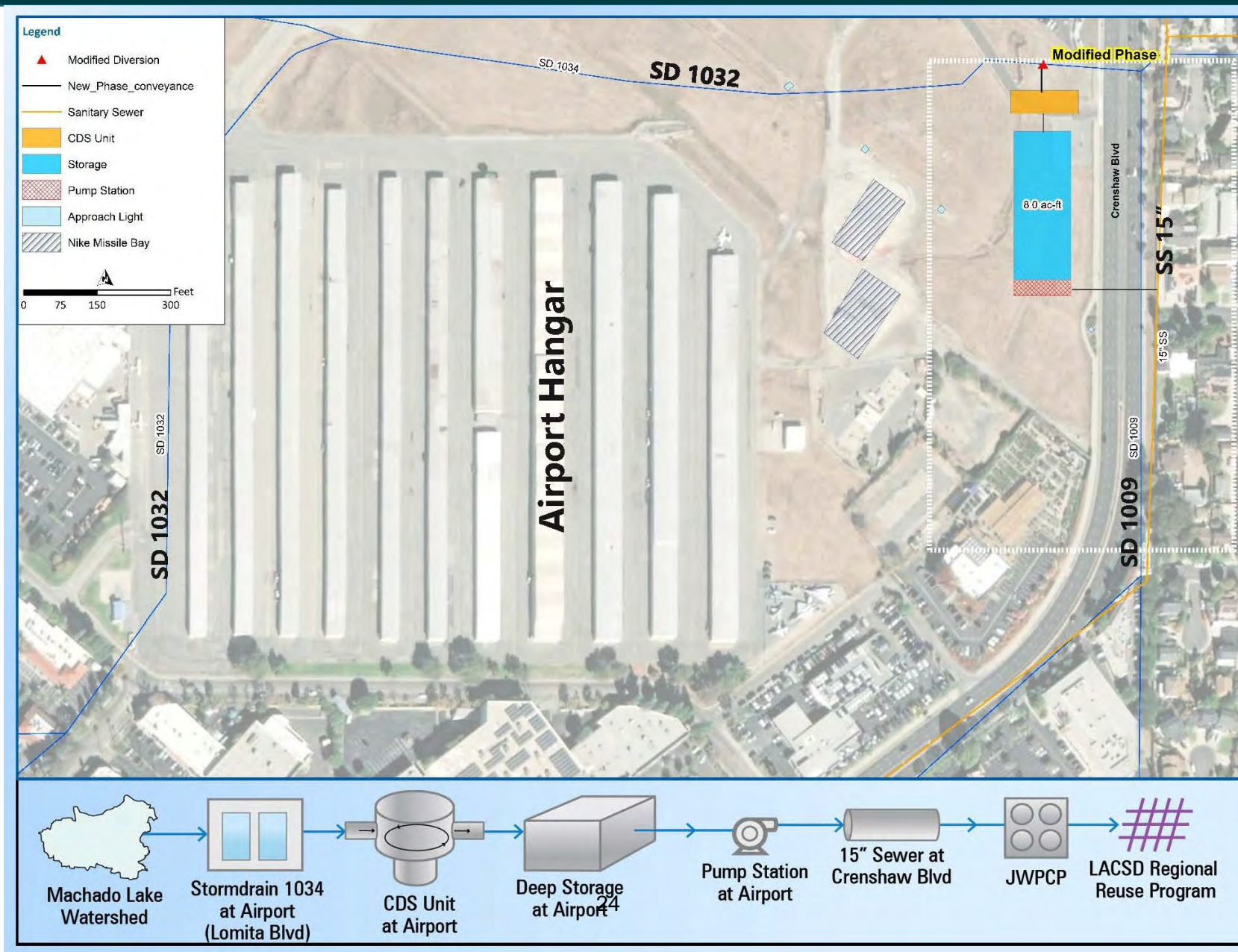


Project Background

- Why was the Project Location selected? Public ownership and its proximity to two large storm drains with a total drainage area of about 3,841 acres.
- How was the Project developed? This project was identified in the Machado Lake EWMP as a high priority Project.
- City of Torrance, the Peninsula Cities and State Water Resources Control Board (SWRCB) worked together on Preliminary Design.
- Due to groundwater contamination, infiltration is not feasible.
- **Benefits to municipality/municipalities:** The cities of Rancho Palos Verdes, Rolling Hills Estates, Palos Verdes Estates, Rolling Hills and LA County Unincorporated will benefit from this project in addressing the Machado Lake Nutrients and Toxics Total Maximum Daily Loads (TMDL).



Project Details – Site Plan



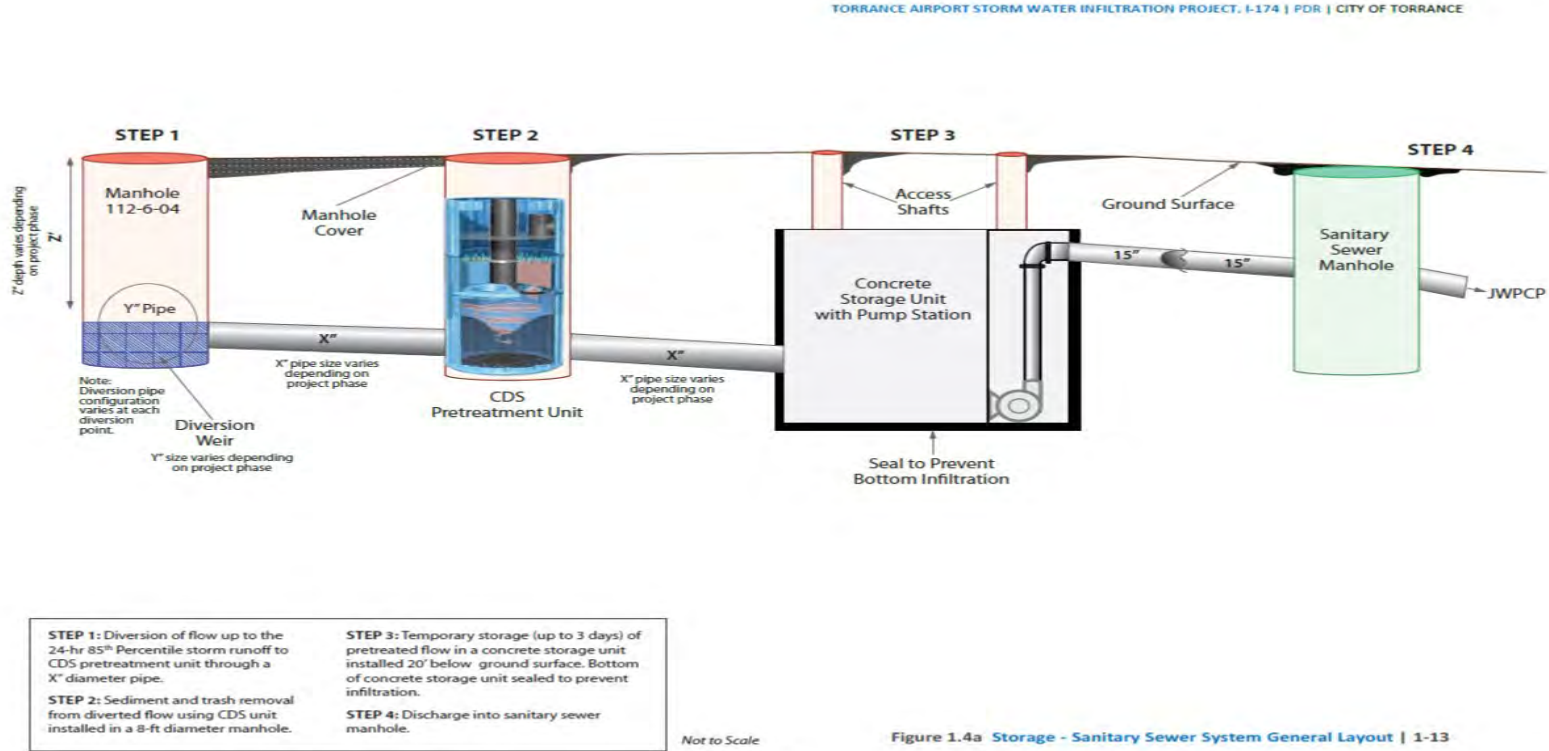


Project Details – Schematics and Major Elements

Project Phase	Drainage Area (ac)	Pre-Treatment CDS Unit	Underground Storage Capacity (ac-ft)	Peak Flow (cfs)	Pump Station	Pipe Length (ft)
Phase 2	401	1	17	25	3 - 10 hp, 1000 gpm @ 30 ft TDH	2,500

The main elements of the Project include a diversion structure with peak flow of 25 cfs, conveyance pipes, 17 acre-ft storage units, and pump station to pump to the 15-inch sanitary sewer along Crenshaw Boulevard or back to Harbor City Park Multi-Benefit Stormwater Capture Project.

With the exception of access hatches and electrical panels, the sites will be restored to current conditions following construction.





Project Details – Storage Galleries Being Considered



- Extended storage and slow, measured release
- Good option for high density or urban areas.
- System installation can be accomplished rapidly using prefabricated modular systems.
- Increased level of public safety
- Aesthetically pleasing to public; out-of-sight and thus out-of-mind



Questions?

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Airport Commission Meeting of
May 12, 2022

Honorable Chair and Members
of the Airport Commission
City Hall
Torrance, California

Members of the Commission:

**SUBJECT: Accept and File Presentation by the Sling Pilot Academy Management
Regarding Noise Abatement Procedures used at Torrance Airport.**

Presentation by the Sing Pilot Academy Management regarding the noise abatement procedures used to train pilots at Torrance Municipal Airport, Zamperini Field. This presentation was requested by your honorable body at the April 14, 2022 Airport Commission meeting.

Respectfully Submitted,



Gerry Pinela,
Facilities Operations Manager

Item 7D



TORRANCE NOISE ABATEMENT PROCEDURES

Please note – the City of Torrance can ban an airplane from the airport if the pilot violates these procedures. Please be sure to follow them.

MONDAY TO FRIDAY

7:00am: Departure Curfew ends – Earliest Takeoff allowed

8:00am-8:00pm: Pattern work, touch and go, stop and go, taxi-back and low approaches are permitted

8:00pm-10:00pm: Pattern work and only taxi-backs are permitted

10:00pm: Departure Curfew begins – Latest Departure allowed

SATURDAYS

8:00am: Departure Curfew ends – Earliest Takeoff allowed

10:00am-5:00pm: Pattern work, touch and go, stop and go, taxi-back and low approaches are permitted

5:00pm-10:00pm: NO pattern work allowed

10:00pm: Departure Curfew begins – Latest Departure allowed

SUNDAYS and HOLIDAYS

8:00am: Departure Curfew ends – Earliest Takeoff allowed

8:00am-10:00pm: NO Pattern work, touch and go, stop and go, taxi-back and low approaches are permitted all day!

10:00pm: Departure Curfew begins – Latest Departure allowed

* When departing to the west, fly straight out (limit turns) until reaching at least 1,500' altitude.

* When using the South Pattern climb to pattern altitude before making the crosswind turn to avoid low flying over the neighborhoods to the South of the airport. Fly Neighborly!