



CITY OF RANCHO PALOS VERDES

CITY COUNCIL AGENDA REPORT

MEETING DATE: 02/07/2023
AGENDA HEADING: Regular Business

AGENDA TITLE:

Consideration and possible action to receive a status report on the City's participation in the Los Angeles International Airport (LAX) Community Noise Roundtable and the new FAA proposed departure procedures.

RECOMMENDED COUNCIL ACTION:

- (1) Receive and file a status report on the City's participation in the LAX Community Noise Roundtable;
- (2) Authorize the Mayor to sign a letter to FAA Western-Pacific Acting Regional Administrator Erik Amend opposing the FAA's proposal to implement two new departure procedures and mirroring the Los Angeles World Airports' (LAWA) recommended responses;
- (3) Direct Staff to transmit a copy of the above-referenced letter to the mayors and city managers of El Segundo, Manhattan Beach, Hermosa Beach, Redondo Beach, Torrance, Lomita, Palos Verdes Estates, Rolling Hills Estates and Rolling Hills; and,
- (4) Request the South Bay Cities Council of Governments (SBCCOG) Board of Directors place an agenda item on its next available meeting to oppose the FAA's proposal to implement two new departure procedures and to mirror LAWA's three recommendations.

FISCAL IMPACT: None

Amount Budgeted: N/A
Additional Appropriation: N/A
Account Number(s): N/A

ORIGINATED BY: Robert Nemeth, Associate Planner *R.N.*

REVIEWED BY: Octavio Silva, Interim Director of Community Development *O.S.*

APPROVED BY: Ara Mihranian, AICP, City Manager *A.M.*

ATTACHED SUPPORTING DOCUMENTS:

- A. Draft letter to FAA Western-Pacific Acting Regional Administrator Erik Amend (page A-1)
- B. Passenger Jet PV Peninsula Overflight and Altitude Data (page B-1)
- C. LAWA's comments to the FAA's proposal (page C-1)
- D. OSHNN Departure Flight Path (page D-1)

- E. Proposed STHBY ONE Departure (page E-1)
- F. Proposed KYLOW One Departure (page F-1)
- G. Over-Oceans Operations Map (page G-1)
- H. Early Turns Map (page H-1)
- I. PEVEE Aerial Map (page H-1)

BACKGROUND:

Creation of the LAX Community Noise Roundtable

The LAX Community Noise Roundtable (Roundtable) is a voluntary advisory body whose mission is to provide an interactive forum to address aircraft noise issues associated with aircraft operations to, from, and at LAX. Its membership is composed of concerned municipal government officials, members of recognized community groups, the FAA, major airline companies, and LAWA staff. Roundtable meetings are regularly scheduled public meetings every other month that provide the public and affected communities with a forum to identify noise concerns and make recommendations to LAWA or the FAA to implement. City Staff has been an attending member since the Roundtable's inception in the early 2000s.

The central tenet of the Roundtable is to seek, with the cooperation of the FAA, ways to reduce certain types of aircraft noise (passenger jet aircraft) in a community without shifting the noise to another community. It should be noted that the FAA has complete jurisdiction concerning airspace activity, while LAWA, essentially the City of Los Angeles, manages and operates *ground-based* activities and facilities at LAX. Noise concerns produced by low-flying aircraft, such as Cessna-type models, follow the FAA's General Aviation Rules and are not within the Roundtable's purview.

DISCUSSION:

1. LAX Community Noise Roundtable and Passenger Jet Activity

The aircraft noise that is produced by passenger jets over or near Rancho Palos Verdes is generated by flights that depart LAX for easterly and southerly destinations. Passenger jets departing LAX are supposed to follow flight routes, established by the FAA, 3 to 5 miles offshore of the Rancho Palos Verdes coastline (Attachment D). However, FAA air traffic controllers will sometimes vector passenger jets from their established flight paths to alternate waypoints for a variety of authorized reasons; the typical reasons cited are the safe spacing between aircraft or operational efficiency. Passenger jet overflights, when they do occur, seem to occur during the morning hours when airlines are pressured to meet the demand for Midwest or East Coast destinations. It is City Staff's understanding that the FAA's air traffic controllers try to accommodate this rush of air traffic by controlling the vertical and horizontal spacing of aircraft along the congested offshore eastbound route. In order to keep to their safe-spacing requirements and/or operational efficiency, some aircraft are authorized by FAA controllers to vector from the published route, which means they will "shortcut" the route and cross over Rancho Palos

Verdes airspace. Most flights adhere to the offshore routes, but when they do overfly the Peninsula airspace, the overflight will typically occur in the vicinity of the intersection at Palos Verdes Drive East and Palos Verdes Drive South and in a northeast direction. Note, the altitude of most vectored passenger jets overflying the Peninsula is above 13,000 feet.

In order to monitor flight activity over or near the Peninsula, LAWA staff regularly supplies flight data to City Staff in order to observe the ebb and flow of flights throughout the year and take note of any anomalies. The latest flight data is shown in Attachment B. Relative to other communities in the region, aircraft overflights are not an hourly occurrence within the Peninsula airspace, but further reductions are expected and sought. As such, over the past few years, City Staff has transmitted numerous letters to the FAA requesting that their air traffic controllers take specific measures that would ensure pilots closely follow the published jet routes offshore and not overfly the Peninsula. As reflected in Attachment B, over the past five years there has been a steady decline in passenger jet Peninsula overflights due to the efforts of the Roundtable, the Rancho Palos Verdes City Council and community engagement.

2. FAA's New Route Proposal and City's Response

In late 2022, without consultation to the Roundtable members or impacted cities, the FAA informed LAWA staff that two new flight procedures were going to be published as soon as February 28, 2023 (Attachments E and F). These new flight routes are meant only for passenger jets departing LAX between midnight–6:30 a.m. during its Over-Ocean Operations (Attachment G). The FAA's proposal would create new waypoints (latitude/longitude points where aircraft fly to) not far from the South Bay shoreline and the Palos Verdes Peninsula shoreline, thereby potentially adversely impacting the nighttime tranquility of Rancho Palos Verdes residents. Upon hearing from LAWA about the FAA's proposal and LAWA's response to the proposal, City Staff contacted LAWA staff who confirmed that the two procedures were indeed contemplated by the FAA.

In response to the FAA's proposal, LAWA staff provided a written response to the FAA expressing concerns that the two new flight paths would bring aircraft closer to the shoreline, which would lead to coastal South Bay cities including the Peninsula cities to experience more aircraft noise (Attachment C). Furthermore, LAWA noted that the proposed flight paths have the potential to affect turbo propeller (freight) aircraft activity, which currently fly offshore, to fly closer to or over the Palos Verdes Peninsula. LAWA also admonished the FAA for not providing outreach or notice to the Roundtable members about the proposed new flight paths. To address LAWA's concern that the new flight paths will adversely affect coastal South Bay communities, including the Palos Verdes Peninsula, LAWA recommends the following changes to the FAA's new flight route proposal:

1. That the FAA revise the two new proposed departure procedures named STHBY and KYLOW to ensure that passenger jets are prohibited from initiating turns prior to the shoreline (Attachment H).

2. That the FAA use the existing waypoint PEVEE, which is farther away from the Peninsula than the new waypoint STHBY, which is approximately half a mile closer to the Peninsula (Attachment I).
3. That the FAA place a specific notation, "For use only when nighttime noise abatement procedures are in effect," for new departure procedures.

After receiving LAWA's response, the FAA has delayed the implementation of the new departure routes, which would have been effective on February 28, 2023. Other Roundtable members were also caught off guard about the FAA proposal, but at the Roundtable meeting on January 18, 2023, the Roundtable Chairman and LAWA staff briefly raised the topic citing that the FAA is collaborating with the LAWA staff to resolve LAWA's written concerns. At this time, FAA and/or LAWA staff will be updating the Roundtable at a future meeting concerning these two proposed flight paths.

Nonetheless, City Staff cannot be sure that the FAA will address the concerns that LAWA has raised, which are also shared by the City. Therefore, based on the discussion above, Staff recommends that the City Council authorize the Mayor to sign a letter (Attachment A) to FAA Western-Pacific Acting Regional Administrator Erik Amend expressing the City's vehement opposition to the proposed two new departure routes and to mirror LAWA's three Recommendations, as noted above.

3. Transmit a Copy of the City's Letter to South Bay Cities

To bring larger awareness to this regional issue, it is recommended that the City Council direct Staff to transmit a copy of the above-referenced letter to the mayors and city managers of El Segundo, Manhattan Beach, Hermosa Beach, Redondo Beach, Torrance, Lomita, Palos Verdes Estates, Rolling Hills Estates, and Rolling Hills. These coastal cities would equally be impacted by the FAA's proposed new departure routes and may also want to submit similar correspondence to the FAA.

4. Request SBCCOG Board of Directors Place an Agenda Item

In addition to reaching out to some South Bay Cities, it is recommended that the City Council request the SBCCOG Board of Directors place an agenda item on its next available meeting to oppose the FAA's proposal to implement two new departure procedures and to mirror LAWA's three recommendations.

CONCLUSION:

In addition to receiving and filing a status report on the City's participation in the LAX Community Noise Roundtable, Staff recommends authorizing the Mayor to send a letter to the FAA opposing the proposed two new departure routes and sharing the City's letter with other South Bay Cities and the SBCCOG.



BARBARA FERRARO, MAYOR
JOHN CRUIKSHANK, MAYOR PRO TEM
ERIC ALEGRIA, COUNCILMEMBER
DAVID L. BRADLEY, COUNCILMEMBER
PAUL SEO, COUNCILMEMBER

February 7, 2023

Via Email

Erik Amend
Acting Regional Administrator
Federal Aviation Administration
777 S. Aviation Blvd., Suite 150
El Segundo, CA 90245

SUBJECT: Letter Opposing the FAA's Two New Departure Procedures – STHBY and KYLOW

Dear Mr. Amend:

On February 7, 2023, the Rancho Palos Verdes City Council held a regular meeting that included a City staff report on the City's participation in the LAX Community Noise Roundtable and the FAA's latest proposal to implement two new departure procedures titled STHBY and KYLOW from LAX. These departure procedures, due to their proximity to the Palos Verdes Peninsula, pose a threat to the nighttime tranquility this community currently enjoys and is thereby vehemently opposed by the City of Rancho Palos Verdes.

This City Council, and the community it represents, are also dismayed by the lack of notification from the FAA about the proposal. These concerns have already been expressed to you by the Los Angeles World Airports (LAWA) staff in their letter to the FAA dated December 12, 2022 (see attachment). We echo their comments and as such, the City Council requests the following items be considered:

1. That the FAA revise the two new proposed departure procedures named STHBY and KYLOW to ensure that passenger jets are prohibited from initiating turns prior to the shoreline.
2. That the FAA use the existing waypoint PEVEE, which is farther away from the Peninsula than the new waypoint STHBY, which is approximately half a mile closer to the Peninsula.
3. That the FAA place a specific notation, "For use only when nighttime noise abatement procedures are in effect," for new departure procedures.

It is disheartening that your proposal lacks community outreach and that there has been a complete disregard for the many years it took to develop the existing noise abatement procedures with Roundtable communities. Should the FAA decide to implement its new

Acting Regional Administrator Amend

February 7, 2023

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route proposals, this action will significantly erode the public trust that took many years to foster. Therefore, we implore you to give serious consideration to the above requests as we believe these measures would safeguard the Peninsula from unwanted aircraft noise and could provide the FAA with the improved, safer airspace it is seeking.

Sincerely,

Barbara Ferraro

Mayor, City of Rancho Palos Verdes

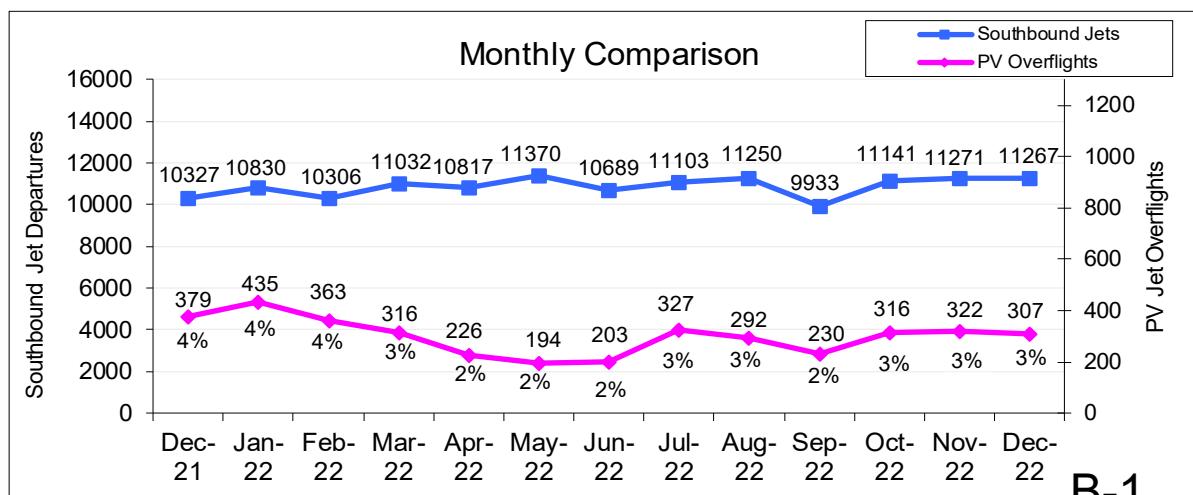
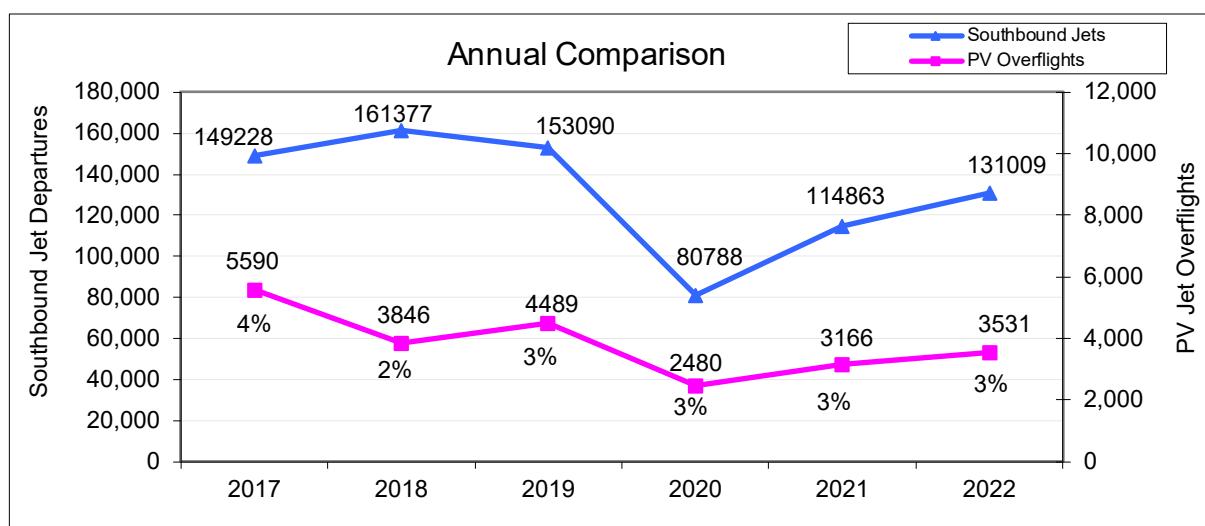
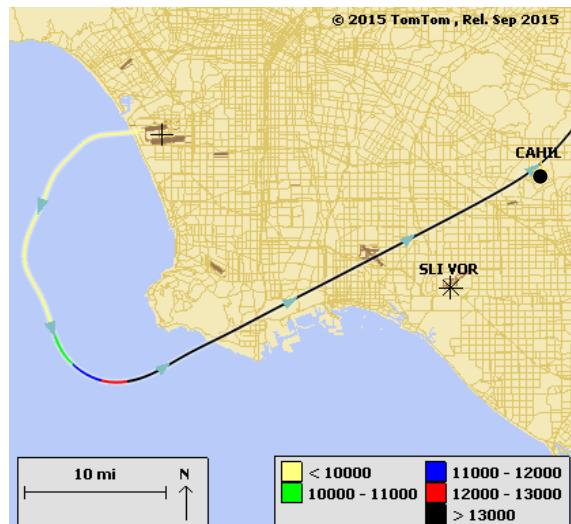
cc: Rancho Palos Verdes City Council and City Manager
Faviola Garcia, FAA Western-Pacific Acting Deputy Regional Administrator
Jacki Bacharach, Executive Director, South Bay Cities Council of Governments

Enclosure: LAWA letter to FAA dated December 12, 2022

Palos Verdes Peninsula – Jet Overflights

The graphs below show the total number of jets turning south upon departure from LAX and the number of those departures that fly over the Palos Verdes Peninsula.

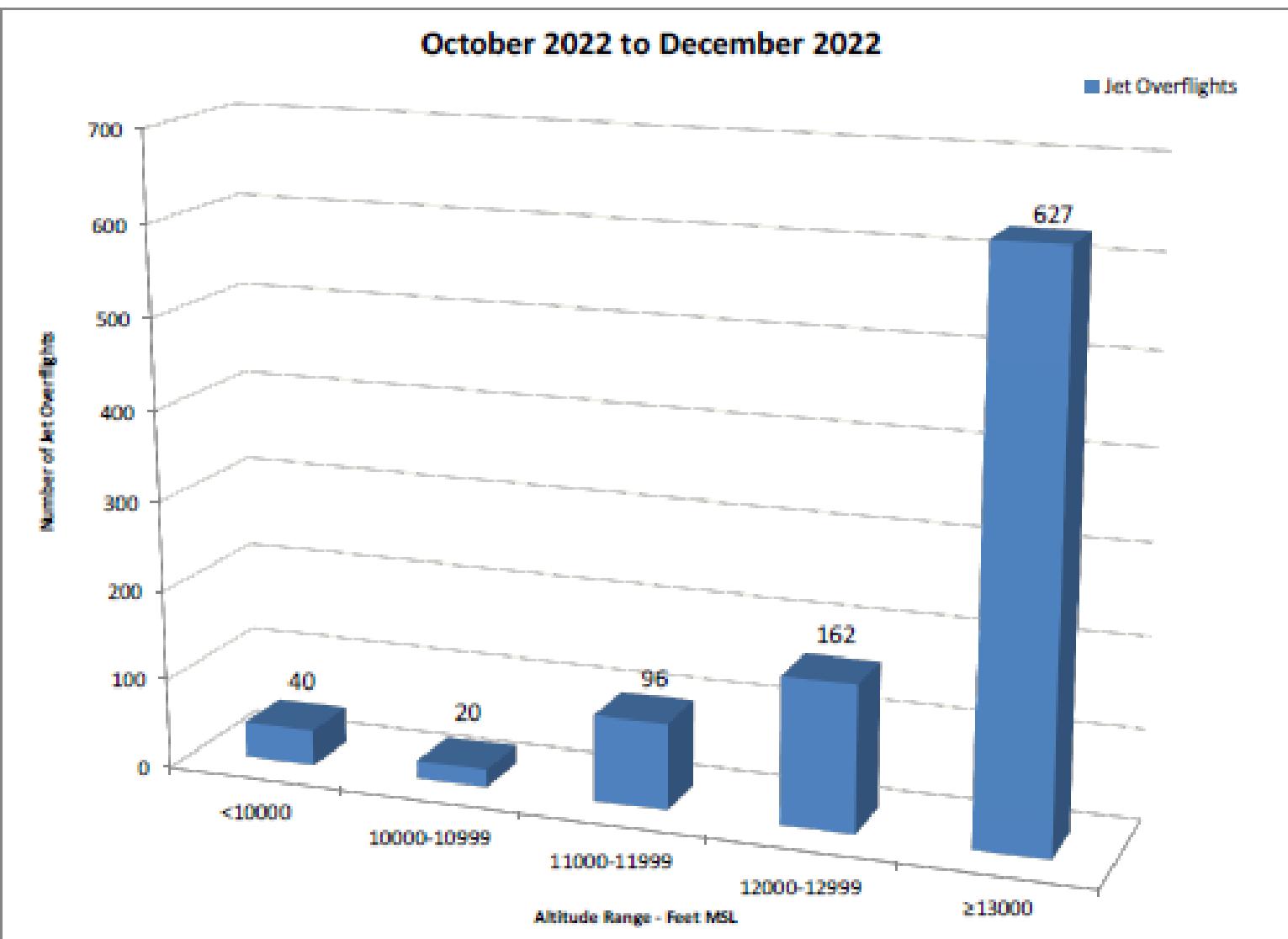
Sample Jet Departure Flight Track Over PV Peninsula



Jet Altitudes over PV Peninsula

October 2022 to December 2022

■ Jet Overflights



December 12, 2022

Mr. Erik Amend
Acting Regional Administrator
Federal Aviation Administration
Western-Pacific Region
777 S. Aviation Blvd., Suite 150
El Segundo, CA 90245

RE: LAWA's Comments on Two New Departure Procedures – STHBY and KYLOW

Dear Mr. Amend:

Los Angeles World Airports (LAWA) recently received a notification from the Federal Aviation Administration (FAA) indicating that the agency is proposing to amend one flight procedure and create two new flight procedures at LAX. The stated purpose for these proposed procedures is to provide greater air traffic separation between departures and arrivals during Over-Ocean noise abatement configuration from 12 AM to 6:30 AM, and to improve the safety and efficiency of the airspace during that same period. These proposed procedures are currently scheduled to be published on February 28, 2023.

Upon review of the proposed flight procedures, LAWA is very concerned that these departure operations will not be consistent with the LAX No Turn Before Shoreline policy, will result in more departures flying closer to coastline communities in the South Bay and Palos Verdes Peninsula, and will be used at times other than when Over-Ocean noise abatement configurations are in effect. If FAA cannot specifically resolve the items of concern, then LAWA will not support the implementation of these proposed procedures as currently designed.

LAWA is also very concerned that this information was not shared with potentially affected communities earlier in the process, and that airport staff were not invited to participate in any working groups that were convened to discuss the proposed procedures. It seems the process for FAA requested flight procedure changes is not transparent and does not include any public outreach. It should not fall solely to the airport to notify community groups, such as the LAX/Community Noise Roundtable, to inform them of the FAA's intent to publish revised or new proposed procedures within just a few months, as LAWA had to do.

The two new procedures (STHBY ONE and KYLOW ONE) will seemingly result in aircraft beginning their turns before the shoreline, which is not consistent with current noise abatement policy in place for more than the past 30 years. This

potential increase in early turns will lower the compliance rate and cause nearby residents to notice more aircraft overflights and noise. Therefore, LAWA requests that FAA revise the proposed procedures to ensure aircraft do not initiate their turn prior to the shoreline when using the new departure procedures to maintain consistency with said policy.

Another noise concern is associated with the STHBY departure procedure, where new waypoints will result in jet aircraft flying closer to the coastline around the South Bay and Palos Verdes Peninsula. In addition, it would potentially affect southbound turboprop aircraft, currently flying offshore, to also fly closer to or over the Peninsula to maintain the required separation between jets and turboprops. This will result in residents noticing more flight activity and associated noise. For the past twenty years, LAWA, in collaboration with the FAA and the Roundtable, has made notable efforts to reduce and minimize aircraft flying over this area and does not want to see this progress eroded. FAA should relocate the new waypoints and/or use existing waypoints for that route segment so that departures fly farther away from the Peninsula.

LAWA understands that the purpose of the two new flight procedures is to address issues during nighttime Over-Ocean air traffic configuration. However, the KYLOW One Departure chart includes a vague notation restricting the use during noise abatement procedures, while the STHBY ONE procedure does not have any notation regarding this restriction. To be consistent with the intention of using these procedures only during nighttime Over-Ocean Operations to improve safety and efficiency, LAWA requests both flight procedures include the specific notation *“For use only when nighttime noise abatement procedures are in effect.”*

LAWA is aware that FAA issued Categorical Exclusions for these proposed procedures, which does not require public notification and input. However, LAWA believes FAA should still reach out to potentially affected communities, such as the City of El Segundo, to inform the public about the potential aircraft flight and noise implications associated with implementing these procedures and afford the public the chance to provide the FAA with feedback.

Thank you for the opportunity to share our concerns, which were also submitted via the IFP Information Gateway and included more technical comments that were shared with the Western Flight Procedures Team. LAWA requests FAA make efforts to address these potential issues with the proposed flight procedures, provide careful and thorough consideration of these requests, and incorporate changes into the flight procedures prior to implementation. We appreciate the recent discussion with FAA representatives regarding these issues and look forward to engaging more fully regarding the STHBY ONE and KYLOW ONE proposed departure procedures and to FAA's continued support over the years of LAWA's noise abatement efforts.

If you have any questions regarding this matter, please contact Kathryn Pantoja, Airport Environmental Manager, via email at kpantoja@lawa.org or by phone at (424) 646-6501.

Mr. Amend
Federal Aviation Administration
December 12, 2022

Sincerely,

Samantha Bricker

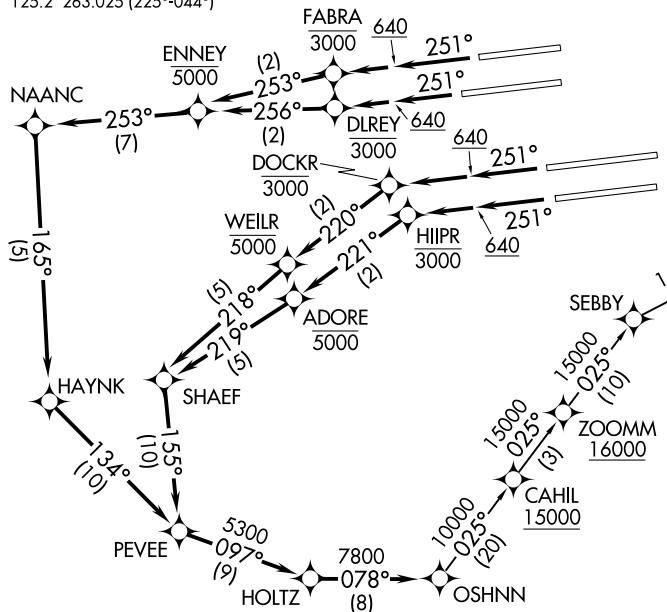
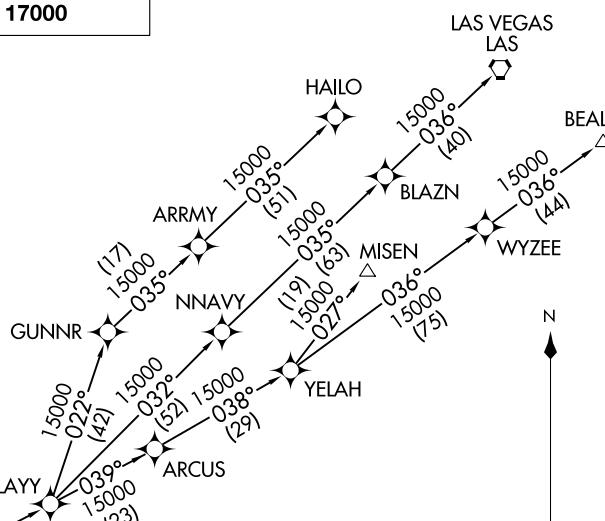
Samantha Bricker
Chief Sustainability and Revenue Management Officer

SB:KP:OS

CC: Mark McClardy

OSHNN EIGHT DEPARTURE (RNAV)
(OSHNN8.OSHNN) 17AUG17

D-ATIS DEP
135.65
CLNC DEL
120.35 327.0
CPDLC
GND CON
(N) 121.65 327.0
(S) 121.75 327.0
(W) 121.4 327.0
LOS ANGELES TOWER
(N) 133.9 239.3
(S) 120.95 379.1
SOCAL DEP CON
124.3 363.2 (045°-224°)
125.2 263.025 (225°-044°)

TOP ALTITUDE:
17000

NOTE: DME/DME/IRU or GPS required.

NOTE: RNAV 1.

NOTE: RADAR required.

NOTE: This departure to be used only if unable to use the LOOP/ORCKA DEPARTURES.

NOTE: Rwy 24L/R departure expect RADAR vector to PEVEE prior to NAANC.

NOTE: Turn at HIIPR and DOCKR are required for ATC separation.

NOTE: MISEN TRANSITION restricted to aircraft landing LAS complex.

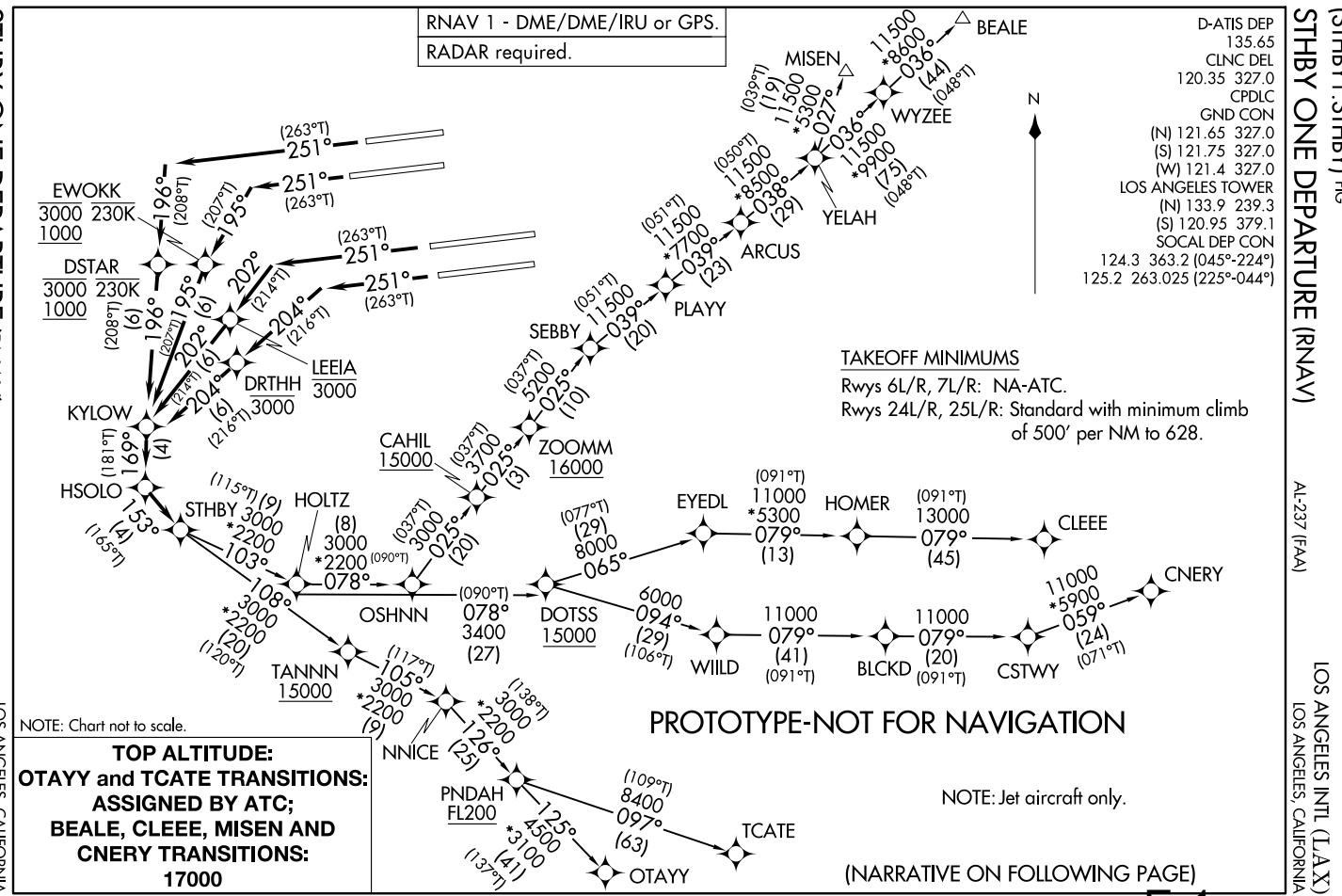
NOTE: HAILO/LAS/NNAVY TRANSITIONS ATC only.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

(OSHNN8.OSHNN) 17341
OSHNN EIGHT DEPARTURE (RNAV) AL-237 (FAA)LOS ANGELES INT'L (LAX)
LOS ANGELES, CALIFORNIA

STBY ONE DEPARTURE (RNAV)
(STBY1,STBY1) FIG



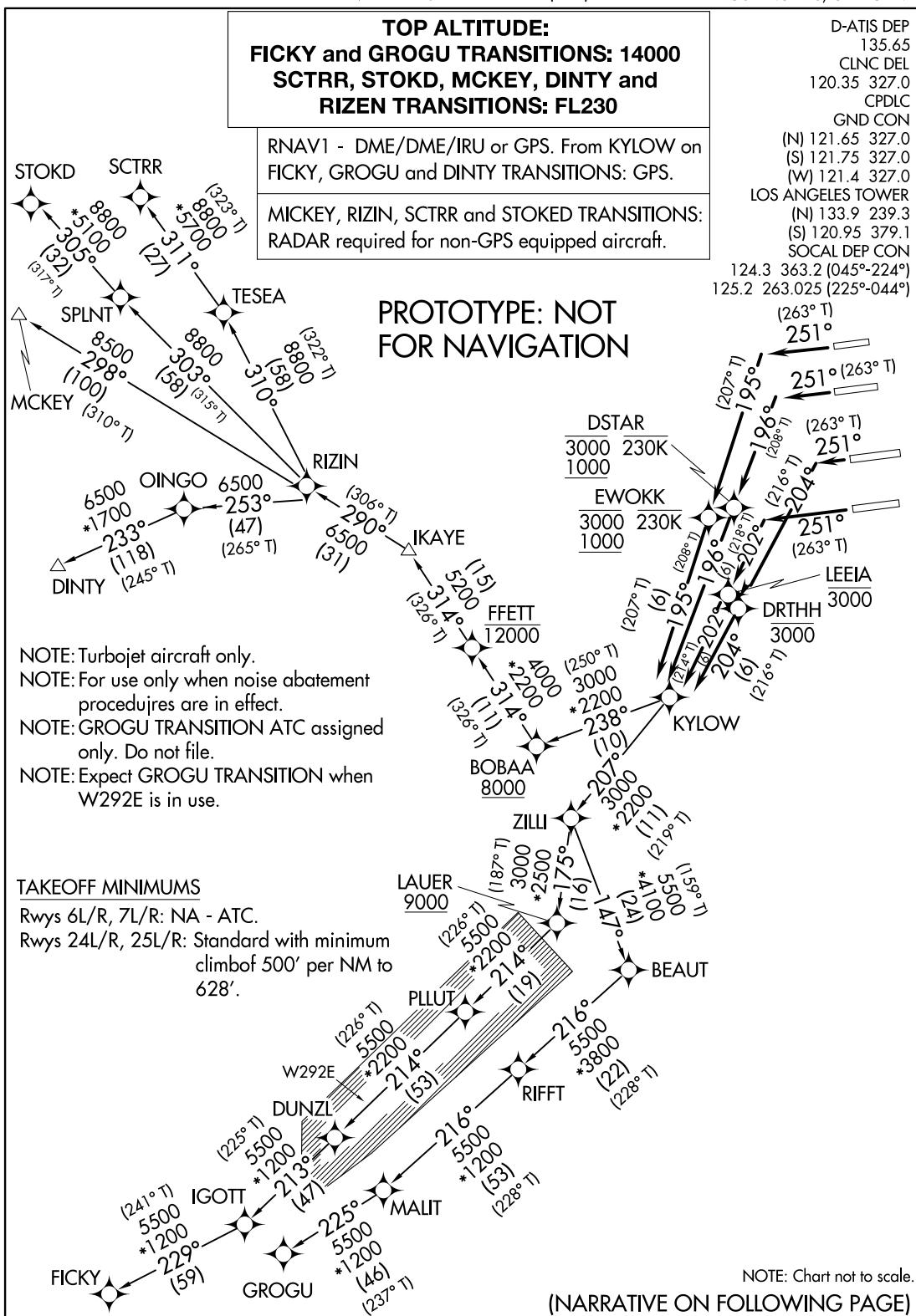
(KYLOW1.KYLOW) FIG

KYLOW ONE DEPARTURE (RNAV)

AL-237 (FAA)

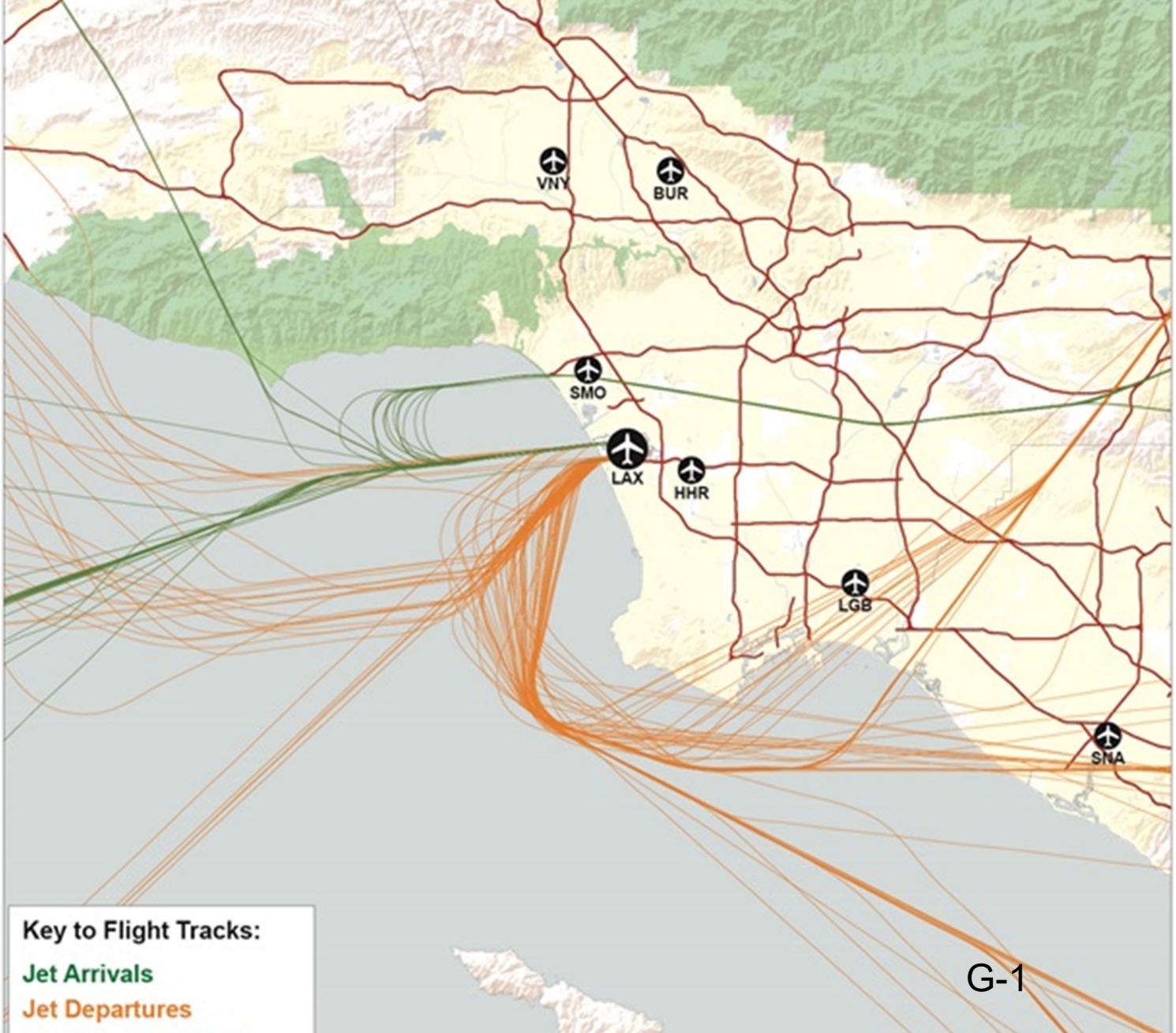
LOS ANGELES INTL (LAX)
LOS ANGELES, CALIFORNIA

AUTOMATED AL-237 KYLOW DEPARTURE



KYLOW ONE DEPARTURE (RNAV)
(KYLOW1.KYLOW) FIG

LOS ANGELES, CALIFORNIA
LOS ANGELES INTL (LAX)



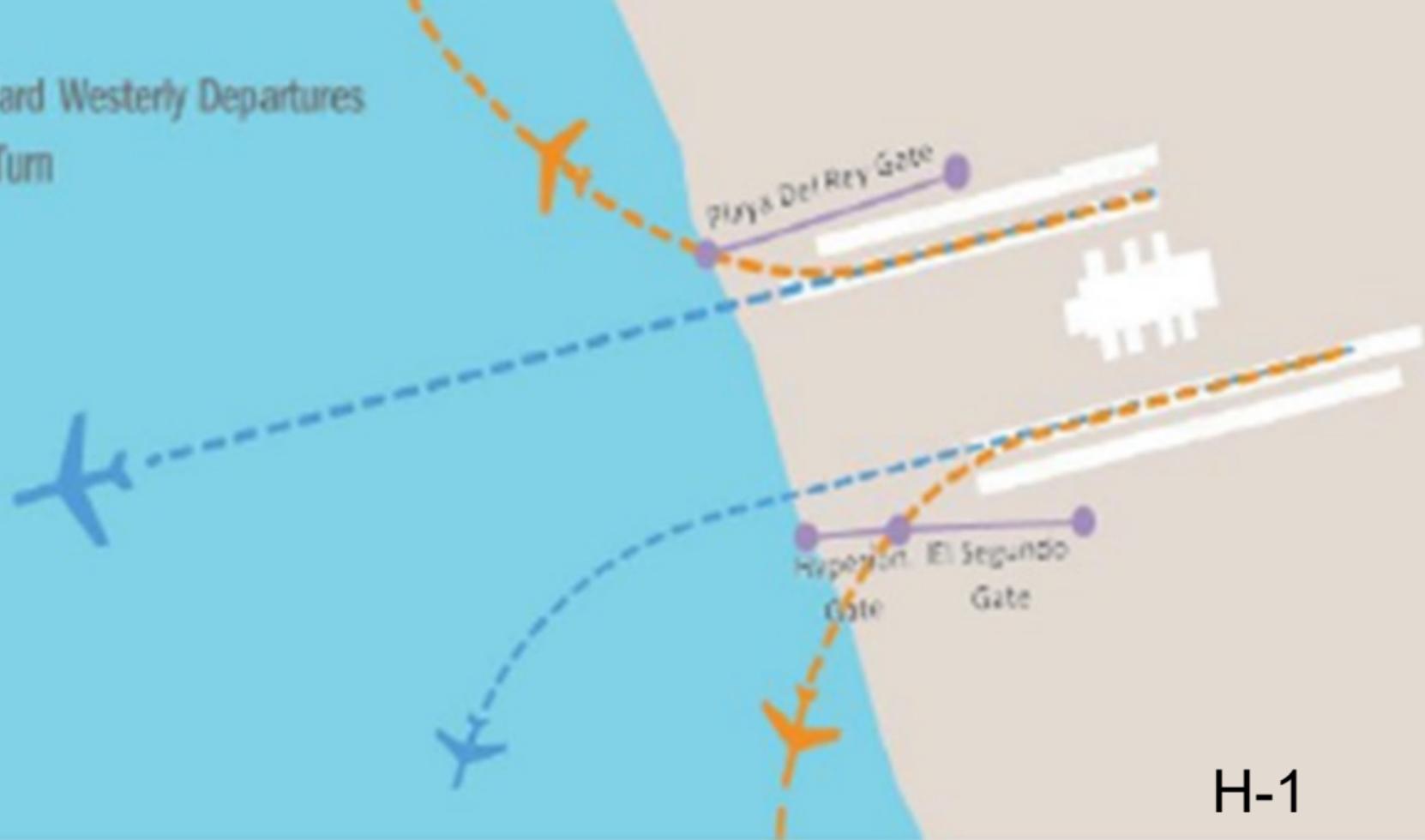
Key to Flight Tracks:

Jet Arrivals

Jet Departures

G-1

- Standard Westerly Departures
- Early Turn



H-1

