# APPENDIX C PUBLIC WORKSHOP/MEETING NOVEMBER 2012 AND PUBLIC COMMENTS

# C.1 Publication of Public Notice

PROOF OF PUBLICATION (2015.5 C.C.P.)	Proof of Publication of
STATE OF CALIFORNIA County of Los Angeles	3 X
I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of The Argonaut, a newspaper of general circulation, printed and published weekly in the County of Los Angeles, State of California, under the date of March 7, 1973, modified October 5, 1976, Case Number C47170; that the notice, of which the annexed is a printed copy (set in type not smaller than nonparell), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit: <u>11/1</u> All in the year <u>2012</u> I certify (or declare) under penalty of perjury that the foregoing is true and correct. Dated at Los Angeles California, <u>the 1<sup>st</sup> of November, 2012</u> Siduature: Jay Jesser	Les Angeles Word Alports HOTCLEO F PRODOSES A BROPONT USE RESTRUCTION: RUNNAY USE ASTRUCTION A STRUCTION FOR ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS AND ADDRESS A STRUCTION FOR ADDRESS AND A
Located at: 5355 McConnell Ave., Los Angeles, CA 90066 (310) 822-1629 x 103	The Notice will Digit LAP to 150 using right scale in an experiment of the public in proceeding beginning. Once the public in proceeding beginning in a scale of the public in proceeding beginning in a scale of the public in proceeding to 150 at 15
5	On of Estimation (Constraints)

	Los Angeles World Airports (LAWA) AVISO DE LA RESTRICCION PROPUESTA DEL USO DE LA REOPUERTO: "RESTRICCIONES EN EL USO DE PISTA"
PROOF OF PUBLICATION (2015.5C.C.P.)	Aeropuerto Internacional de Los Ángeles (LAX), Los Ángeles, California Dos Angeles, World Airports (LAWA) dan aviso de la propuesta para establecer una restricción del uso de pista en el acro- puerto internacional de Los Ángeles (LAX), se procura probibil na salidas hacia el este, con ciertas excepciones, entre las portas de medianoche y 6:30 de la mañana, cuando LAX está en openaciones sobre el octano o cuando permanece en opera- ciones del ceste durante estas horas.
La Opinión www.laopinion.com	El estano de regulaciones federales de los Estados Unidos, típilo 14 (14 CFR Part 161), "Aviso y Aprobación del Ruido ya coceo de Restrucciones del Acropuerto," define el analisis, aviso, y aprobación de requisitos de los op- rendores scroportuarios que proponen restricciones de uso que afectan a cualquier avion que cumple con los requisi- tos de 14 CFR Parte 32 Elapa 3. LAWA ha preparado un informe títulado "Solicitud de Aprobación de la Restrucción del uso de Pista del Acropuerto Internacional de Los Ángeles Parte 161" que anuncia los requisitos en su totalidad.
700 S. Flower St. + Los Angeles, CA 90017 Tel: (213) 896-2260 + Fax: (213) 896-2238	Esta notificación explica Parte 161.303 (c) los requisitos de los avisos publicados, incluyendo la siguiente información: 1. El nombre del aeropuerto, ciudades y estados asociados:
	Aeropuerto Internacional de Los Ángeles, Los Ángeles, California.
STATE OF CALIFORNIA Im a citizen of the United States and a	2): Unaclara y concisa descripción de la restricción propuesta (y cualquier alternativa, en orden de preferencia), incluyendo tima declaración que la etapa 3 va a ser una restricción obligatoría, y donde el texto completo de la restricción, y las posibles guaciones por incumplimiento, están disponibles para la uspección pública:
sident of the county aforesaid; I am over le age of eighteen years, and not a party	La restricción propuesta es la prohibición de todas las sulidas de aviación hacia el este, incluyendo pero no limitado a la etapa 3, con algunas excepciones, a partir de 12:00 de la noche a 6:30 de la mañana cuando el aeropuerto está en operaciones sobre el costano, o cuando permaneco en operaciones del coste. Tema 6 proporciona más detalles sobre la posibilidad de revisión pública.
or interested in the above-entitle matter.	3. Un breve análisis de la necesidad específica de, y el objetivo de la restricción.
m the principal clerk of the printer of Opinión a newspaper of general culation, printed and published daily in	Para reducir la commencia y la frecuencia de despertamientos nocturnos a los residentes que viven cerca del acropuerto inter- nacional de los Ameles, eliminando, operaciones disconformes entre la medianoche hasta las 6-30 de la mañana, cuando el acropuerte esta en operaciones gone el oceano o cuando permanece en operaciones del ceste computer de la contracta de la contracta de aviones que esperan ser afectados:
e city of Los Angeles, County of	
s Angeles, and which newspaper has en adjudged a newspaper of general	Centre y del 12 CalifiqUE Parrel (O identifiba a los operadores y tipós de aviones que esperan ser afectados. En resumen In verte color interior la súnción pasien, do carga y aviación general cuyos operadores determinan la necesidad de partir La la Carganización de la ecopiento está en operaciones sobre el octano o cuando permanece en operaciones
culation by the Superior Court of the	Se porte l'auntormación instorica indica que muy pocas operaciones serian afectadas, en el período de .130 meses (casi 11 1556) (a parti 765 junio do 2000 hasta marzo de 2010, 699 salidas de aviones (o un promedio de 65/año) fueron afectados, si Ferandoma fuiñera tomado lugar.
unty of Los Angeles, State of California,	So la verna propuesta de la restricción, el metodo propuesto para la aplicación (por ejemplo, ordenanza de la ciudad, el Stado ul la ropuerto arrendamiento u otro documento), y cualquier mecanismo de aplicación propuesto.
der the date of July 28, 1969, Case Imber: 950176; that the notice, of which	Despectave fective de la propuesta es el 1 de diciembre de 2013. El programa se ejecutará a través de una ordenanza de la Estavolar de fois Angeles con la aplicación de restricciones similares a otros acropuertos
e annexed is a printed copy, has been	6. Un adallsis de la propuesta de restricción, de conformidad con la Sección 161.305, o un aviso anunciando donde el
blished in each regular and not in any pplement thereof on the following dates,	andiisis esitá disponible para inspección pública. La notificación y el plan preliminar del Estudio de la Parte 161 de LAX está disponible para inspección pública en los si- guientes ligares, al empezar del 1 de noviembre de 2012:
-wit:	• En linea: www.laxpart161.com/
NOV. 1 ,	<ul> <li>LAWA División Ambiental de Servicios de LAX - 7301 World Way West, Room 312, Los Ángeles, CA 90045, de lunes a vicines, de 7.30 AM à 4.00 PM.</li> <li>Bibliotea Públice de Inglewood - 101 W. Manchester Bivd., Ioglewood, CA 90301.</li> <li>Bibliotea Públice del Condado de Los Ángeles 4359 Lennox Bivd., Lennox, CA 90304</li> <li>Wañd Ridley Thômas Centro de Servicios de Constituyente - 8475 S. Vermont Ave., Los Ángeles, CA 90044</li> <li>Westchester - Biblioteca de Loyola Village, 7114 W. Manchester Ave., Los Ángeles, CA 90045</li> <li>Wanchester - Biblioteca de Loyola Village, 7114 W. Manchester Ave., Los Ángeles, CA 90045</li> </ul>
	Ciudad de Bell     Ciudad de Huntington Park     Rancho Palos Verdes
12	Ciudad de Bellflower + Ciudad de Inglewood + Ciudad de Redondo Beach Ciudad de Bell Gardens + Ciudad de Lakewood + Rolling Hills Estates Ciudad de Carson + Ciudad de Lawndale + Ciudad de Rolling Hills Ciudad de Commerce + Ciudad de Lawndale - Ciudad de Solling Hills
in the year 20 12	Ciudad de Compton:
ertified (or declare) under penalty of	Ciudad de El Segundo • Ciudad de Maywood • Ciudad de Vernon. Schudad de Gardena • Ciudad de Montebello
rjury that the foregoing is true and	Ciudad de Hawthome     Palos Verdes Estates     Ciudad de Hermosa.Beach     Ciudad de Paramount
rrect. Ited at Los Angeles, California, this	Triblina invitación para dar comentarios sobre la propuesta de restricción y análisis, con un mínimo de 45 días para los comen- tarios y
6 day of NOV. , 2012	L. WA acceptant comentantes sobre la propuesta de restricción y análisis hasta las 5 pm del 17 de diciembre de 2012. Los comentantos sobre rearregane a la dirección indicada en el punto 9.
	18. Información sobre cómo solicitar una copia del taxto completo de la restricción, incluyendo las sanciones por incumplimiento, y genalistis (si no está incluido en este oxiso). El texio completo de la restricción, incluyendo las excepciones y anneiones por incumplimiento se presenta en la Sección 3 del LAX [14 CERParte 16], el cual está disponible para inspección pública en los lugares indicados en el punto 6.
Rose Benner	14 CERCEnte 101, el cual esta disponible para tospección pública en los lugares indicados en el punto o. 9. La dirección para entregar comentarios al operador del aeropuerto propontendo la restricción, incluyendo la identificación de la persónia de contacto.
gnature	Los comediarios pueden entregarse en línes en <u>www.laxpart[6].com/en/Comments.cfm</u> o por escrito al siguiente contacto:
D17 Controlled 1/12	Mr. Scott Teiro Los Angeles World Airports 1 World Way, PO. Box 92316 Los Angeles, CA 90009-2216

Herald Publications 312 E. Imperial Ave El Segundo, CA 90245 (310) 322-1830 · Fax (310) 322-2787

# **PROOF OF PUBLICATION**

(2015.5 C.C.P.)

# STATE OF CALIFORNIA, County of Los Angeles,

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the aboveentitled matter. I am the principal clerk of the printer of the El Segundo Herald, a newspaper of general circulation, printed and published weekly in the City of El Segundo, County of Los Angeles, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Los Angeles, State of California, under the date of May 18, 1934, Case Number 372819; that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

# 11/1/2012

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A 11	in	the	year
1 mil	111	une	yoar

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at El Segundo, California,

this	1	day of	November 2012	
Signa	uture	2 [		
		Code #	H-23554	

Los Angeles World Airports NOTICE OF PROPOSED AIRPORT USE RESTRICTION: "RUNWAY USE RESTRICTION"

NOTICE OF PROPOSELT AIRPORT USE RESTRICTION THAT USE RESTRUCTION A 10 Los Angeles International Aleport, Los Angeles, California Los Angeles International Aleport, Los Angeles, Moria Aleports (LAVA) hereby provides notice of its proposal to establish a runway use realinction at Los Angeles International Alport (LAV) that restricts acativity departures of all arcraft with certain exemptions. Detween the horas of L2O midnight and B30 arm. When LAX is in the "Over-Overal" of Vovelenty operations more. The I 4 of the Code of Paderal Regulations Part 161 (LG-ER Part 161), Notice and Approval of Alport Noise and Access Restrictions, defines analysis, notice and approval requirements for alport operators proposing use mistrictions that affect any aircraft show to comply with 14 C-FR. Part 36 (LG-ER Part 161 Application for Approval de apport titled 'Los Angeles International Aliport Part 161 (Application for Approval de apport titled 'Los Angeles Internations for publiched and poded notices including the following information: 4. The notifications defenses Part 161 3030; requirements for publiched and poded notices including the following informations 5. Approval de apport titled 'Los Angeles Internations of the applications for publiches the realistic data accounted active and categories. De Angeles California 2. A negles chaltenso de appoint of the proposing and that will be a merideby Stops 5 restriction, and any senctions for noncomplex continues of the applications of noncomplex for the appoint for Applications of the restriction, and any senctions for noncomplex continues of the applications of noncomplex for the applications for noncomplex contentions for and above the restriction, and any senctions for noncomplex for the applications for noncomplex for the applic

opportunities. 3. A brief inspussion of the specific need for, and goal of, the instriction. To reduce the occurrence and measures of nighttme awakenings for residents living near Los Argeless International Argont by eliminating non-conforming operations

ιE.	City of Bett	ANE .
1	City of Bellflower	
й. 19	City of Bell Gardens	
0.	City of Carson	
	City of Commerce	
ю. 1	City of Compton	
8	City of Cudahy	
1	City of Culver City	1511
e I	City of Downey	
	City of El Segundo	
	City of Gardena	
	City of Hawthome	
	City of Hermosa Beach	
	City of Huntington Park	
	City of Inglewood	
	City of Lakewood	The last
	City of Lawndale	
	City of Lomita	
num A v	f restriction and analysis, w 45-day comment period will accept comments on 1 restriction and analysis	the

Processed, residuction and analysis until 5 pm, on December 17, 2012. Written comments must be submitted to the addresses destination on how to request a copy of the complete text or the restriction, including any sanctions for increampliance, and the analysis (if not included with this notes). The complete text of this restriction, including any exemptions and sanctions for non-complete text of this restriction. Including any exemptions and sanchors for non-compliance is provided in Section 3 of the LAX 14 C.F.R. Part 161 Report, which will be available for public instantic

Between midnight and 8:30 am when the aniport is in Over Ocean Operations of Westeric Operations.
 A retriffication of the operators and the Synes of aniroriff expected for the operators and the Synes of aniroriff expected for the aniport of the second seco

City of Los Angeles, Office
of Mayor
City of Lynwood
City of Manhattan Beach
City of Maywood
City of Montebello
Palos Verdes Estates
City of Paramount
Rancho Palos Verdes
City of Redondo Beach
Robing Hills Estates
City of Rolling Hills
City of Santa Moniça
City of Seat Beach,
Signal Hill
City of South Gale
City of Torrance
City of Vernon
g Nevember 1, 2012 at locations in them 8 address for submitting comments airport operator proposing the n. including itsentification of a version tar may be submitted online at an1161 comited commants.chm ing to the following contact: Mc Sodt Tatro cs: Angeles, World Airports Norld Way, PC: Back 2216 cs: Angeles, CA 9009-2216 mail lavopath 15 (Salawa on

Email: laxpart161(graws.on El Segundo Herald: 11/1/2012 H-23554

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Los Angeles World Airports \_

Daily Breeze	DB 11-3 Los Angeles World Airports NOTICE OF PROPOSED AIRPORT USE RESTRICTION: "RUNWAY USE RESTRICTION"
21250 HAWTHORNE BLVE, STE 170 * TORRANCE CALIFORNIA 90503-4077	
Direct: (310) 543-6635 Fax: (310) 316-6827	Los Angeles International Airport, Los Angeles, California
PROOF OF PUBLICATION (201 5.5 C.C.P.)	
STATE OF CALIFORNIA	Los Angeles World Alrports (LAWA) netdor provides noice on proposit o establish or runway use restriction of Los Ange international Alrport (LAX) that restricts easterly departures all directif, wilh derivin exemptions, between the hours of 12 midmight and 6:39, o.m. when, LAX is in the "Over-Ocean" Westerly operations made.
County of Los Angeles,	Title 14 of the Code of Federal Regulations Part 161 (14 C.F. Part 161), Notice and Approval of Airport Noise and Acc Restrictions: defines analysis, notice, and approval requirement
I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eigh-	Title 14 of the Code of Federal Regulations Part 161 (14 C.F. Part 161), Notice and Approval of Airport Noise and Acco Restrictions' defines analysis, notice, and approval regulirement for airport operators proposing use restrictions that affect algoright shown to comply with 14 C.F.R. Part 36 Stase regularements. LAWA has prepared a report titled "Los Ange International Airport Part 161 Application for Approval of Runway Use Restriction that addresses the regularements in full.
teen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of	This notification addresses Part 161.303(c) requirements published and posted notices including the following information
the printer of the THE DAILY BREEZE	1. The name of the airport and associated cities and states: Los Angeles International Airport, Los Angeles, California
	<ol> <li>A clear, concise description of the probased restriction. (a any alternatives, to order of preference), including a statem that it will be a mandationy stags a statistication and where complete, taxt, of the negative preference (any sonctions noncomplicities, are solicible for public insection; and a statistication of the solicible</li></ol>
a newspaper of general circulation, printed and	The proposed restriction is a ban on all aircraft departures to
published	The proposed restriction is a ban on all aircraft departures to east, including but por limited to Stage 3 aircraft, with cert exemptions from 1200mitalinatio 6.30, and when the aircor in Over-Ocean or Westerly, Operations. During these condition all aircraft will be permitted to depart to the West. 'Iten provides further details on public review opportunities.
	3. A brief discussion of the specific need for, and soal of,
in the City of Torrance* County of Los Angeles, and which newspaper has	To reduce the occurrence and frequency of nightlime awakeni for residents living near Los Angeles international Airport eliminating non-conforming operations between midnight and cm. when the dirport is in Over Ocean Operations or West Operations: 4. Identification. of the operators and the types of airc expected to be offected:
been adjudged a newspaper of general circulation	eliminating non-conforming operations between midnight and a a.m. when the airport is in Over-Ocean Operations or Weste
by the Superior Court of County of Los Angeles,	4. Identification of the operators and the types of airc
State of California, under the date of	expected to be affected:
June 10, 1974	operators and types of direction affected. In summary, restriction will affect any passenger, cargo, on general avia aircraft, whose operators would absent the restriction of
Case Number swc7146	between midnight and/6:30/a/m, to bepart to inercast when the in Over-Ocean or Westerly Operations, Historical Information Sector 2019
that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has	Section 7 of the LAX 14 C.F.R. Part 161 application identifies operators and types of altricult affected. In summary, restriction will affect conv.passinget, cargo, on several avia altricult, whose operators would be affected. In summary, between midnight and/sig of mit. No each 16 the east when LA in Over-Ocean or Westerly Operations. Historical Informa- indicates very few operations would be affected; in the 18 mm period (nearly 11 years) from June 2000 through March 2010, altricut departures (or on averase of Sayear) would have to affected if this rule had been in effect.
been published in each regular and entire issue of said newspaper and not in any supplement there of	5. The proposed effective date of the restriction, the proposed method of implementation (e.g., city ordinance, dirport rule, le or other document), and any proposed enforcement mechanism
on the following dates, to-wit	or other document), and any proposed enducement inscription The proposed effective date is estimated to be December 1, 2 implementation will be through a 'City' of Los Ardeles ordina with enforcement similar to other airport restrictions.
	with enforcement similar to other airport restrictions.
November 1,	6. An analysis of the proposed restriction. In accordance Section 161 305, or an announcement respirations. Where the anal is available for public inspection.
all in the year <u>2012</u>	<ul> <li>Savitation (and a prain LAX "Pan" 1A" Sluby application supporting, materials, will be available for public inspec- beginning November 1, 2012 of the following bochtions</li> <li>On-line at www.laxspiritel.com/</li> </ul>
the formation is have and a second	On-Iline at www.laxpart161.com
the foregoing is true and correct. Dated at	<ul> <li>LAWA Environmental Services Division of LAX- you wond Way West, Room 312, Los-Angeles, CA 90045, Monday throug Friday, 7:30 AM to 4:00 PM</li> </ul>
California, this 1 November 2012	<ul> <li>Inglewood Public Library 101 W. Manchéster, Bivd., Inglewo CA 90301</li> </ul>
Ob O. AS	County of Los Angeles Public Library- 4359 Lennox Blyon, Lennox, CA 90304     Mark Ridley Thomas Constituent Services Center - 8475 S.
+ puna 407>	west chester - Lovela Village Branch Library, 7114 W.
	Manchester Ave., Las Angeles, CA 1993
*The Daily Breaze circulation includes the following cities: Carson, Compton, Culver City, El Segundo, Gardena, Harbor City,	o City of Bell
Hawthorne, Hermosa Beach, Inglewood, Lawndale, Lomita,	o City of Bell Gardens
Long Beach, Manhattan Beach, Palos Verdes Península, Palos	o City of Commerce
	o City of Cudahy o City of Cudahy
recondo bedon, can recito, canta monica, ronance and windington	o City of El Segundo
	o City of Gardena o City of Hawthorne
	o City of Huntington Park
Hawthorne, Hermosa Beach, Inglewood, Lawndale, Lomita,	ch electronic cov on olsk. include: o City of Bell. City of Bellower City of Bellower City of Comban City of Commarce City of Company City of Company City of Company City of Culver City City of Culver City City of Downey City of El Segunda City of Hawthorne City of Hermas Beach

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NDOOF OF BUDI ICATION	
	This space is for the county Clerk's Stamp
(2015.5 C.C.)	
STATE OF CALIFORNIA	Los Angeles World Alzparts NOTICE OF PROPOSED AIRPORT USE RESTRICTION: "RUNWAY USE RESTRICTION"
County of Los Angeles	Los Associas feature all and all
1 am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above- entitled matter. I am the principal clerk of the printer of the California Crusader News a newspaper of general circulation, printed and published Weekly in the County of Los Angeles and which newspaper has been so adjudged a newspaper of general circulation by the Superior Court of the County of Los Angeles, State of California, under the Case Number BS7531 date of September 30, 1998 That the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof following dates, to wit: Date Pub: $11/1/12$ I certify (or declare) under penalty of perjury that The foregoing is true and correct. Dated at Hawthorne, California This 1 day of Navember Signature CALIFORNIA CRUSADER NEWS 11633 Hawthorne Blvd., Suite 211	Les Angeles Wold Alprots (LAWA) hereby provides notice of its present lo subbirth a unway uso restriction Angeles international Aport (LAWA) hair resistive seaford yeapnings of all aircraft with earning uso restriction to hours of 12.00 midshipt and 6:30 a.m. when LAX is in the "Over-Dean" or "Westerp" operations provide the Provide of 12.00 midshipt and 6:30 a.m. When LAW is in the "Over-Dean" or "Westerp" operations provide the hours of 12.00 midshipt and 6:30 a.m. When LAW is in the "Over-Dean" or "Westerp" operations provide the air of the aircraft and the seafort and and the seafort of the seafort and the seafort of the aircraft and the seafort and the seafort and the seafort of the seafort and the aircraft and the seafort and the aircraft and the seafort and the seafort and the seafort and the aircraft and the seafort and the seafort and the seafort and the seafort and the seafort and the seafort and the s
Hawthorne, California 90250	e City of Rolling Hills o City of Santa Monice o City of Saal Baach
Telephone (310) 673-5555 / (310) 679-2288 legal8	0 Signal Hill O City of South Gele 0 City of Torrance 0 City of Vernon
	7. An invitation to comment on the processed restriction and analysis, with a minimum 45-day comment period: LAWA will accept comments on the proposed restriction and analysis until 5 p.m. on December 17, 2012. Write comments must be submitted to the addresses (accepted to the restriction, including any sanctions for nancomplian end the analysis (for lonicidud with this nation). The complete text of the restriction, including any semptions and sanctions for non-compliance in pervided in Seeil became the sempties of the restriction, including any semptions and sanctions for non-compliance in pervided in Seeil became text of the restriction, including any semptions and sanctions for non-compliance in pervided in Seeil became text of the restriction, including any semptions and sanctions for non-compliance in pervided in Seeil became text of the restriction including any semptions and sanctions for non-compliance in pervided in Seeil became text of the restriction including any semptions and sanctions for non-compliance in pervided in Seeil became text of the restriction including commants to the algobit operator proposing the restriction, including identification of comments may be submitted online at www.lappart161.com/en/Comments.cfm or in writing to the following contact
	Mrs Scott arro commentation or in writing to the holowing contact Mrs Scott arro Los Angeles World Algorits 1 Wand Way, P.O. Box 82216 Los Angeles, CA 80005-2215 Email: Langer 116 (2004-2015

PUB: 11/1/2012 LAX NOTICE-1 CCN

4		P.V.P. 12210 No. 10746
	Palos Verdes	Los Angeles Wield Almonts NOTICE OF PROPOSED ALIPORT USE RESTRICTION: "RUWNAY USE RESTRICTION"
	Peninsula News	and suggests international Alroant, Los Anappios, Catifornia
	21250 Hawthome Blvd. Ste 170, Tomance, CA 90503	This (LeA Appase Word Apparts (LAWA) heady provides notice of the proposal is established by user relations at Lea Applies islamation of Appen (LAW) heavy user relations at Lea Applies of all actual, with relation issues that the set is house of 12.00 miting at an 4.30 a.m. when LAW heavy to Vera-Chart or "Westing" operations mode. At the Net York of the set of the set of the set of the "Westing" operations mode.
		all aircraft, with certain exemptions, between the hours of 12:00 mitinght and 6:30 a.m. when UAX is in the "Over-Ocean" or
	PROOF OF PUBLICATION (201 5.5 C.C.P.)	Initiajäs aud data aun, when LKX is international focus of LCM Westing operations mode. It is the CAR of the CAR of the CAR of TBD 14 of the CARs of Federal Report of Alphan to Note: CAR of the Report of Alphan to CAR of Federal Report of Alphan to Note and Access Initial for a single for the single for a single for a single for a single for rest to a single for a single for a single for a single for a single for any and a single for a single for a single for a single for any alumatistic for a single for a single for a single for the single for a single for a single for a single for a single for any alumatistic for a single f
	STATE OF CALIFORNIA	maints for elignet generations proposing use restrictions that affect any alroradi abowin to comply with 14 CPER. Part 35 Strate 3
	County of Los Angeles,	International Airport Part 161 Application for Approval of a Rumay Use Restriction that order the Application for Approval of a
τ	I am a citizen of the United States and a resident	red Stated and Part and Part 161.303(c) requirements for
	of the County aforesaid; I am over the age of eigh-	tion: 1. The name of the almost and associated cities and states: Los Antiens from size the second and associated cities and states:
	teen years, and not a party to or interested in the above-entitled matter. I am the chief legal	<ol> <li>A offisi, concluse description of the sponsed metricition (and any alternatives, in order of programma), inclusing a statement that it will be a metric of programma). Inclusing a statement</li> </ol>
	advertisng clerk of the publisher of the	complete minute of annual states of matrixing, and where the complete text of the restriction, and any senctions for noncom- pliance, are available for public inspection:
	PALOS VERDES PENINSULA NEWS	the east had matrician is a ban on all afforces deputures to the east had might not limited to Stage 3 alternat, with cer- tain exemptions, from 1200 midthaft of 820 are then the
	a newspaper of general circulation, printed and	The same of the antibuse should be the source of the same of the source of the antibuse of the source of the source of the antibuse of the source of th
	published weekly in the City of Rolling Hills Estate County of Los Angeles, and which	<ol> <li>A brief discussion of the specific need for, and goal of, the restribution</li> <li>To reduce the occurrence and features of plantage of plantage.</li> </ol>
	newspaper has been adjudged a newspaper of general circulation by the Superior Court of	inge for residente living, near Los Arquisto y or ingramme avaken- by eintmaling rinn-contegning depreidens between microgen and 630 and when the depreidens between microgen
	County of Los Angeles, State of California, under the date of February 15, 1977	Institution: No relates the accurrence and sharpung of pitting parts of the ingo for residents living near Los Angeles technicity and parts by Antillating in chronicity and pitting constitutes begins and 620 a.e. them the Aspent's in One-Doesn Operations and Wielkeit Operations. 4. Stantification of the dependents and the types of accord approved to be allocated.
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	published in each regular and entire issue of	Public Notice Public Notice
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	I certify (or declare) under penalty of perjury that	mechanism: The proposed effective data is estimated to be December 1, 2013. Implementation will be through a City of Los Angeles ordinance with enforcement similar to other abpoint restrictions.
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	Signature	BNG, LOMMO, CA 90004 Mark Rifley Themas Constituent Services Center - 8475 S. Vermont Ave., Los Angelies, CA 90044
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		EAVYA way appopt comments on the proposed resistant and enalysis unit 5 pm on December 17, 2012. Writish commanis must be submitted to the addresses idantified in itam 9.
		<ol> <li>Information on how to request a copy of the complete text of the restriction, including any sametisms for monompliance, and the analysis (if not included with this notice);</li> </ol>
		The complete text of the restriction, including any exemptions and sanctions for non-compliance is provided in Section 3 of the LAX 14 CER. Part 151 Report, which will be available for
		public inspection beginning November 1, 2012 at locations Identified in Item 6. 9. The address for soluniting commoniar to the adjust operator proposing the restriction; including identification of a context
		person: Comments may be submitted online at your jaynard 61 com/
		an Commania.cfm or in writing to the following contact:
		Los Angleis Ward Alports 1 Word Way PO. Box \$2216 Los Angleis, C Agoly9206 Email: Supplitiona.org
		Published in Palos Verdas Peninsula News on Nov 1, 2012

Los Angeles World Airports \_\_\_\_\_

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Vote YES on I Nov. 6th	<b>1, 2012</b>	New Charter School Wins Appeal to Remain in Inglewood (Continued from page 8) ditional IUSD students choose to attend ECMS-1. The amount rep- resents a loss of \$5,214 ADA per student."	Insulate Now or Die Trying (Continued from page 9) "I think it's a poor idea. There's enough stores where people can get liquor. We don't need any more li- quor establishments in this city," a woman said. One man wants alco-
			310-384-4266
NOTICE O	PROPOSED AIRPORT USE RE	Norld Airports STRICTION: "RUNWAY USE REST Airport, Los Angeles, California	RICTION"
cos Angeles World Airports (LAWA) hereby provides notice of its proposal to establish nurway use restriction at Los Angeles international Airport (LAX) that restricts naterity departures of all aircraft, with settin exemptions, between the hours of 2.00 midnight, and 6:30 a.m. When LAX is in the 'Over-Ocean' or 'Westerly' operations mode. If the 14 of the Code of Federal Regulations Part 161 (14 C.F.R. Part 161), 'Nolice and Approval of Airport Noise and Access proposing use restrictions that affect any aircraft shown to comply with 14 C.F.R. Part 36 Stage 3 requirements. LAWA has prepared a report titled 'Los Angeles International Airport Part 161 Application for Approval of a Rumway Use Restriction'' that addresses the requirements in full. This notification addresses Part 161.303(c) requirements for published and posted notices including the following information: 1. The name of the airport and associated cities and states: Los Angeles International Airport. Los Angeles, California. 2. A clear, concise description of the proposed restriction (and any aternatives, in addresses therein: -s), including a statement that if will <i>e amandatory</i> Stage 3 restriction, and where the complete text of the restriction, any when the airport is in Over-Ocean or Westerfy Operations. During these conditions, at a lacraft will be permitted to depart to the west. Item 6 provides further details on public review opportunities.	<ul> <li>The proposed effective date is estimated to be December 1, 2013. Implementation will be through a City of Los Angeles ordinance with enforcement similar to other alroor restrictions.</li> <li>An analysis of the proposed restriction in accordance with Section 161.305, or al announcement regarding where the analysis is available for public inspection:</li> <li>The Notice and Draft LAX Part 161 Stud application and supporting materials with be available for public inspection</li> </ul>	Angeles, CA 90045 City Halls within the airport noise study area, which will receive an electronic copy on disk, include: City of Bell City of Bell City of Bell Gardens City of Carson City of Carson City of Carson City of Comprece City of Curver City City of Curver City City of Curver City City of El Segundo City of El Segundo City of El Segundo City of Harthorne City of Logewood City of Lakewood City of Landale City of Los Angeles, Office of Mayor City of Josh Cardon City of Los Angeles, Office of Mayor City of Mantata Beach City of Montebello Ci	<ul> <li>City of Paramount</li> <li>Rancho Palos Verdes</li> <li>City of Redondo Beach</li> <li>Rolling Hills Estates</li> <li>City of Rolling Hills</li> <li>City of Rolling Hills</li> <li>City of Santa Monica</li> <li>City of Santa Monica</li> <li>City of Santa Monica</li> <li>City of Santa Monica</li> <li>City of South Gale</li> <li>City of Yelmon</li> <li>T. An Invitation to comment on the proposed restriction and analysis with a minimum 45-day comment period:</li> <li>LAWA will accept comments on the proposed restriction and analysis until 5 p.m. on December 17, 2012. Written comments must be submitted to the addresses identified in item 9.</li> <li>Information on how to request a copy of the complete text of the restriction, including any exemptions and sanctions for non-compliance is provided in Section 3 of the LAX 14 C.F.R. Part 161 Report, which will be available for public inspection beginning November 1, 2012 at locations identified in item 8.</li> <li>R. The address for submitting comments of the aligort operator proposing the restriction, including identification of a contact person: Comments on proposing the restriction, including identification of a contact person: Comments on the aligort operator proposing the restriction, including identification of a contact person: Comments may be submitted online at www.laxpart161.com/en/Comments.cfm of in withing to the following contact:</li> <li>Mr: Sooti Tatro</li> <li>Los Angeles, CA 30009-2216</li> <li>Email: laxpart161@lawa.org</li> </ul>

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Los Angeles World Airports .

DANN Ngangangangangangangangangangangangangang	Los Angeles World Airports NOTICE OF PROPOSED AIRPORT USE RESTRICTION: RUNWAY USE RESTRICTION: Los Angeles International Airport, Los Angeles, California	DO10
and 6:30 a.m. when LA Tille 14 of the Code of F Restrictions," defines an craft shown to comply w Airport Part 161 Applica	onts (LAWA) hereby provides notice of its proposal to establish a nurway use rest at restricts easterly departures of all aircraft, with certain exemptions, between th K is in the 'Over-Opean' or 'Westerly' operations mode. 'ederal Regulations Part 161 (14.C.F.R. Part 161), 'Notice and Approval of Airpor ajosis, notice, and approval requirements for airport operators proposing use res ith 14 C.F.R. Part 36 Blage 3 requirements. LAWA has prepared a report filled into for Approval of a Rumway Use Restriction' mat addresses the requirements is use Part 161.303(c) requirements for published and posted notices including the f	e hours of 12:00 midnight in this property ing the count of patients too Angeles International the property in this property in thi
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available for public insp The proposed restriction exemptions, from 12:00	riplion of the proposed restriction (and any alternatives; in order of preference), it age 3 restriction, and where the complete text of the restriction, and any sanction colon. I is a ban on all alrcraft departures to the east, including but not limited to Stage 3 midnight to 6:30 a.m. when the alroy is in Over-Ocean or Westerly Operations. et to depart to the west. I item 6 provides further details on public review opport	soluting a statement that soluting a statement that is for noncompliance, are con- aircraft, with certain During these conditions, niles
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5. The proposed effective other document), and an The proposed effective	e date of the restriction, the proposed method of Implementation (e.g., city ordin y proposed enforcement mechanism; sale is estimated to be December 1, 2013, Implementation will be through a City to Other alprof metrictions.	ance, airport rule, lease or v (doo) 251 8219.5 of Los Angeles ordinance ses Sale Off Striklar Control (Sale) 251 8219.5 ars Sale Off Striklar Control (Sale) 251 8219.5 ars Sale Off
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# C.2 Media Release for Notice and Public Workshop



P.O.Box 92216 Los Angeles CA 90009-2216 We Fly as One www.lawa.aero LAX ONT PMD VNY



CONTACT: Marshall Lowe (424) 646-5260

# PUBLIC REVIEW, WORKSHOP SET FOR COMPLETED LAX PART 161 NOISE STUDY

(Los Angeles, California - October 25, 2012) Los Angeles World Airports (LAWA) has completed its LAX Part 161 Study and is releasing the draft application for public review and comment. The public review and comment period begins November 1 and ends December 17. A public workshop will be held on November 13 from 6 p.m. to 9 p.m. at the Flight Path Learning Center, 6661 West Imperial Highway, Los Angeles.

The draft application is the final work product of the Part 161 Study and includes documentation and support materials to justify approval of the proposed runway use restriction by the Federal Aviation Administration (FAA).

The LAX Part 161 Study is an attempt to restrict the easterly departure of all aircraft at Los Angeles International Airport with certain limited exemptions, between midnight and 6:30 a.m. when the airport is in over-ocean operations, or when it is in westerly operation during these hours. This would reduce the nighttime noise burden for communities most affected by non-conforming easterly departures during this time. The proposed restriction would not be in effect when LAX is in easterly operations.

The LAX Part 161 Study is a technical and legal document that will be submitted to the FAA in January requesting a waiver of the federal pre-emption and authorization to implement the proposed restriction.

The Notice of Proposed Restriction and the Part 161 application analysis report will be available for public review beginning November 1 at the following locations:

-more-

LAX Part 161 Study ... Page 2 of 2

- On-line at <u>www.laxpart161.com/</u>
- LAWA Environmental Services Division at LAX 7301 World Way West, Room 312, Los Angeles, CA, 90045, Monday through Friday, 7:30 a.m. to 4:00 p.m.
- Inglewood Public Library 101 W. Manchester Blvd., Inglewood, CA 90301
- County of Los Angeles Public Library 4359 Lennox Blvd., Lennox, CA 90304 Mark Ridley Thomas Constituent Services Center - 8475 S. Vermont Ave., Los Angeles, CA 90044
- Westchester Loyola Village Branch Library, 7114 W. Manchester Ave., Los Angeles, CA 90045

Interested persons wishing to comment on the LAX Part 161 Study may do so by one of

the following methods:

- Submit written comments at the public workshop on November 13
- Submit written comments via the Online Comment Form of the LAX Part 161 web page http://www.laxpart161.com/en/Comments.cfm
- In writing to: Scott Tatro, Los Angeles World Airports, Environmental Services Division, 1 World Way, P.O. Box 92216, Los Angeles, CA 90009-22216
- Written comments by e-mail to laxpart161@lawa.org

Once the application is submitted to the FAA, the FAA has 180 days to complete its

review and approve or disapprove the application. During the review period, FAA will open a

public docket and accept written comments for a 45-day period.

If the application is approved, LAWA would initiate the ordinance approval process,

which requires an environmental analysis under the California Environmental Quality Act. Upon

completion of the analysis, the proposed ordinance would be submitted for approval to the

Board of Airport Commissioners and then transmitted to the Los Angeles City Council for

approval and ordinance enactment.

For further information regarding the LAX Part 161 Study, contact Scott Tatro,

Environmental Services Division, at (424) 646-6499.

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K-file>word>releases>LAX>2012>LAX Part 161 Study

# C.3 Written Notice and Public Workshop Information sent to Government Officials

Senator Senator	U.S. Senate Barbara Boxer Dianne Feinstein	Mayor Vice Mayor Councilman	City of Bell Ali Saleh Violeta Alvarez Danny Harber
Congressman Congressman Congresswoman	U.S. Congress Henry Waxman Xavier Becerra Judy Chu	Councilwoman Councilman City Manager	Ana Maria Quintana Nestor Valencia Doug Willmore
Congresswoman Congresswoman Congresswoman Congresswoman Congresswoman	Karen Bass Lucille Roybal-Allard Maxine Waters Janice Hahn Laura Richardson Grace Napolitano	C Mayor Mayor Pro Tem Councilmember Councilmember	City of Bellflower Dan Koops Raymond Dunton Scott Larsen Sonny Santa Ines
Congresswoman	Linda Sanchez	Cit Mayor	y of Bell Gardens Pedro Aceituno
Cou District Attorney Supervisor Supervisor Supervisor Supervisor	inty of Los Angeles Steve Cooley Gloria Molina Mark Ridley-Thomas Zev Yaroslavsky Don Knabe	Mayor Pro Tem Councilmember Councilmember Councilmember City Manager	Sergio Infanzon Daniel Crespo Priscilla Flores Jennifer Rodriguez Phillip Wagner
Supervisor	Michael D. Antonovich		City of Carson
Ci Mayor Councilmember Councilmember Councilmember	ty of Los Angeles Antonio Villaraigosa Ed Reyes Paul Krekorian Dennis Zine	Mayor Councilmember Councilmember Councilmember Councilmember	Jim Dear Elito Santarina Julie Ruiz-Raber Lula Davis-Holmes Mike Gipson
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Mayor Mayor Pro Tem Councilmember Councilmember Councilmember	City of El Segundo Carl Jacobson Bill Fisher Marie Fellhauer Dave Atkinson Suzanne Fuentes	Mayor Vice Mayor Councilmember Councilmember Councilmember	City of Lakewood Diane DuBois Steve Croft Jeff Wood Larry Van Nostran Todd Rogers
Mayor Mayor Pro Tem Councilmember Councilmember Councilmember	City of Gardena Paul K. Tanaka Tasha Cerda Rachel Johnson Ronald K. Ikejiri Dan Medina	Mayor Mayor Pro Tem Councilmember Councilmember Councilmember	City of Lawndale Harold Hofmann Larry Rudolph Pat Kearney James Osborne Robert Pullen-Miles
Mayor Councilmember Councilmember Councilmember Councilmember	City of Hawthorne Daniel Juarez Alex Vargas Angie English Nilo Michelin Olivia Valentine	Mayor Mayor Pro Tem Councilmember Councilmember Councilmember City Manager	City of Lomita James Gazeley Margaret Estrada Henry Sanchez Michael Savidan Ben Traina Michael Rock

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Mayor Pro Tem	David Lesser	Mayor Pro Tem	Brian Campbell
Councilmember	Nicholas Tell	Councilmember	Susan Brooks
Councilmember	Amy Howorth	Councilmember	Jim Knight
Councilmember	Richard P. Montgomery	Councilmember	Jerry Duhovic
		City Manager	Carolyn Lehr
	City of Maywood	0.1	
Mayor	Edward Varelo	•	/ of Redondo Beach
Mayor Pro Tem	Veronica Guardado	Mayor	Mike Gin
Councilmember	Felipe Aguirre	Councilmember	Steve Aspel
Councilmember	Thomas Martin	Councilmember	Bill Brand
Councilmember	Oscar Magaña	Councilmember	Pat Aust
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Mayor	Frank Gomez		
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Mayor Pro Tem	Christina Cortez		City of Rolling Hills
Councilmember	Art Barajas	Mayor	James Black
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C	City of Seal Beach	City of Torrance
Mayor	Michael Levitt	Mayor Frank Scotto
Mayor Pro Tem	Gary Miller	Mayor Pro Tem Gene Barnett
Councilmember	Ellery Deaton	Councilmember Bill Sutherland
Councilmember	David Sloan	Councilmember Cliff Numark
Councilmember	Gordon Shanks	Councilmember Pat Furey
City Manager	Jill Ingram	Councilmember Susan Rhilinger
		Councilmember Tom Brewer
	Signal Hill	
Mayor	Tina Hansen	City of Vernon
Vice Mayor	Michael Noll	Mayor Bill Davis
Councilmember	Larry Forrester	Vice Mayor W. Michael McCormick
Councilmember	Ellen Ward	Councilmember Michael Ybarra
Councilmember	Edward Wilson	Councilmember Richard Maisano
City Manager	Kenneth Farfsing	
	City of South Gate	
Mayor	Bill DeWitt	
Vice Mayor	Gil Hurtado	
Councilmember	Jorge Morales	
Councilmember	Henry Gonzalez	
Councilmember	Maria Davila	
City Manager	George Troxcil	

Sample Letter



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C.4 Presentation to Los Angeles International Airport Area Advisory Committee (November 8, 2012), Public Workshop (November 13, 2012),LAX/Community Roundtable (November 14, 2012)



















LAX Los Angeles World Airports	3 – Forecast Operations
_	• www.hmmh.com
	Aircraft operations forecast was completed for two periods:
	<ul> <li>2013 – expected year of implementation and application submittal to the FAA</li> </ul>
	<ul> <li>2018 – five years after the year of expected implementation</li> </ul>
	<ul> <li>Forecasts are consistent with FAA's December 2011</li> <li>Terminal Area Forecast (TAF) and received FAA approval</li> </ul>
	<ul> <li>Total aircraft operations are not expected to change with the implementation of the proposed restriction</li> </ul>
	<ul> <li>Operators are expected to:</li> </ul>
	<ul> <li>Delay flight until unfavorable winds subside</li> </ul>
	<ul> <li>Offload cargo and/or passengers to meet weight requirements</li> </ul>
	<ul> <li>Accommodate restriction through flight planning</li> </ul>
hmmh	
hmmh	

			e (NPV) in 2013 do	
	Annual Growth in Cargo Rates	Period NPV is Calculated	Payload Reduction of 10,000 lbs.	Payload Reduction of 20,000 lbs.
		5 years	\$3,249,000	\$9,591,000
	No increase	10 years	\$5,566,000	\$16,430,000
		20 years	\$8,395,000	\$24,782,000
		5 years	\$3,539,000	\$10,448,000
	3% Increase	10 years	\$6,465,000	\$19,084,000
		20 years	\$10,881,000	\$32,122,000
	Source: SH&E			
nhI	affected pay	loads will be the same car	r bound since son transferred to othe rier with no net los	r flights



















# <image><section-header>



















LAX Los Angeles World Airports	Noise Analysis
_	www.hmmh.com
	<ul> <li>Sleep Disturbance</li> </ul>
	<ul> <li>Based on American National Standards Institute (ANSI)</li> <li>Standard S12.9-2008/Part 6:</li> </ul>
	"Methods for Estimation of Awakenings Associated with Outdoor Noise Events Heard in Homes"
	Up to 185,000 fewer awakenings annually
	<ul> <li>An estimated 8,627 awakenings from seven non- conforming operations on January 27, 2012</li> </ul>
	<ul> <li>Environmental Justice</li> </ul>
	No significant change to 65 dB CNEL contour
	<ul> <li>Reduced awakenings with proposed restriction</li> <li>Approximately 60% of the people potentially awakened by</li> </ul>
hmmh	non-conforming flights are minority or low income









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#### C.6 Public Workshop Sign-in Sheets

MEETING SIG	GN-IN SH	EET			
Project:	FAR PART 1	61 at LAX	Meeting Date:	November 13, 2012	
Facilitator:	LAWA		Place/Room:	Flight Path Learning Center & Museum	
Name		Address 370 PALOSVERDES BL	Phone	E-Mail	
V. Wor	LNIER	3 TO PALOS VERDES DA RED, BEACH, CA 96	0277 375-1864	joe-woll	ner@yahoo.com
KEVIN T	EEL	BED, BEACH, ASK FED, BEACH, ASK SED WORLD WAY, REM LOS ANGLES, CA SOL	CPU (310) 417-	Kevin, e. teej	ner@yahoo.com @.delta.com
Hiroshi	Ikera	6501 W. HWY, Los Angel huperiol CAG	es. (310) 2045 342-2400		
Chad N	lolnar		213-308-7595	chad-molhar	@lacity.org
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MEETING SIGN-	IN SHEET			
Project: FAR PART 161 at LAX		Meeting Date:	November 13, 2012	
Facilitator: L	AWA		Place/Room:	Flight Path Learning Center & Museum
Name	Add	ress	Phone	E-Mail
Mia Restcliff	e	Beginelo	(3107253610	NA
DENNY SET	WEDER	ROUNDTABLE	310 641-4199	DENNY @ WELI VEFLEE, SOM
KERMARY MA	UNOX 118	45 W. Olympic Blod	3815-8444	DENNY @ WECI VEFERE, Com KEMADDAK O AOLIOM Jim. bickhar t@ laaty. og
Vin Bichha		3 N, Spring St, #30	3 213978 0600	Sim. bickhart@laaty.og
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### C.7 Comments Received at Public Workshop

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January 2013 page C-40

	FAR PART 161 STUDY AT LAX PUBLIC WORKSHOP COMMENT CARD NOVEMBER 13, 2012
NAME:	Christina Tigert
ORGANIZ	ATION: resident
ADDRESS:	2321 W 183rd St
CITY:	Torrance, CA 90504
STATE:	CA
PHONE:	NIA
E-MAIL:	N/A
This 1	restriction is nocumary. I have been wal
This I	everal times from non-conforming
This in si east	operations the last was a 374
up si	everal times from non-conforming
up si Past	everal times from non-conforming operations. The last was a 374 2,900' above my home. It was an summer night. I head the
up si east	everal times from non-conforming operations. The last was a 379 2. 900' above my home. It was an summer night. I heard the coming well before it actually
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up si east	everal times from non-conforming operations. The last was a 379 2. 900' above my home. It was on summer night. I head the coming well before it actually over 4 houses west of mine. the airlines to off load some in order to depart to the is not unreasonable, esspecially

Please use reverse side for additional comments

published east depart reports. 3 

	FAR PART 161 STUDY AT LAX PUBLIC WORKSHOP COMMENT CARD NOVEMBER 13, 2012
NAME:	Jim Bickhart
ORGANIZATI	ON: Office of Mayor Antomio Villavaigosa
ADDRESS: _	200 N. Spring Street #303
CITY:	Los Angeles
STATE:	CA 90012
PHONE:	213 97-8-0600
E-MAIL:	11m. bickhart @ lacity.org

The Mc	yor is supportive of This application. However,
we b	relieve it would be helpful for LAWA to provide a move
-lor Theo	iming explanation of what constitutes an "exception"
to The p	reposed regulation, should it be approved by the FAA.
In The p	ublic's mind an exception can sometimes be like a
"poison	pill "That undermines that least some of the desirability
of the	proposed regulation. This, in turn, could lead to
Arminist	ed enthusiasm and support for The application.
we are	e aware that The FAA rarely approves These applications
50 W	e wish you luck and other to provide additional support
The a	optication if LAWA desires it.
•	-

Please use reverse side for additional comments

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Section 3 provides explicit information on the limited exemptions for the proposed restriction.

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#### C.8 Comments Received during Public Review Period



December 3, 2012

Mr. Scott Tatro Los Angeles World Airports 1 World Way, P.O. Box 92216 Los Angeles, CA 90009-2216

RE: Support for Proposed Restriction at LAX that Restricts Nighttime Non-Conforming East Departures

Dear Mr. Tatro:

As you know, the Los Angeles International Airport/Community Noise Roundtable (Roundtable) is a voluntary and independent body that consists of membership from local elected officials and staff, representatives of congressional offices, members of recognized community groups, the airlines, the Federal Aviation Administration (FAA), and Los Angeles World Airports (LAWA). These parties work together to identify noise issues that affect communities surrounding LAX and to seek feasible solutions to reduce noise over those affected communities.

One of our long standing noise issues is aircraft departing to the east during late night and early morning hours. As you know, the vast majority of aircraft operating at LAX depart in a westerly direction, but on occasion, there are a few large aircraft that depart to the east causing a serous noise disturbance to residents of numerous communities. These departures also fly at low altitudes during the night, when residents are most sensitive to aircraft noise, and can cause sleep disturbance as well.

As a possible mitigation measure for this issue, the Roundtable, in 2001, requested LAWA initiate a Federal Aviation Regulations (FAR) Part 161 Study to examine the possibility of restricting these non-conforming east departures during the hours of midnight and 6:30 a.m. when LAX is in Over Ocean or Westerly Operations. After the long but worthwhile wait, we are delighted to hear that LAWA has finished the study and will be submitting the application to the FAA to seek approval to implement this proposed restriction.

We wish to express our sincere appreciation to LAWA for putting forth remarkable efforts to complete the LAX Part 161 Study and for honoring its commitment to the communities in reducing noise impacts. By restricting these non-conforming east departure operations at LAX, it will provide the residential communities a meaningful noise relief and a better overall quality of life. Because of the potential benefits that this proposed restriction will provide to the residents, we wish to offer our full support for LAWA's pursuit of this proposed restriction at LAX.

I would like to also thank you and your staff, on behalf of the members of the Roundtable, for your continuing support of our efforts in addressing aircraft noise that affects the communities surrounding LAX. With your support, we have achieved great progress in reducing noise exposure over the last decade. The Roundtable continues to look forward in working with LAWA to explore new ways to further reduce noise from LAX aircraft operations.

1 World Way • Los Angeles • CA • 92216 • (310) 646-9640

The City responds as follows:

The City thanks Mr. Denny Schneider for his comments on behalf of the LAX/Community Noise Roundtable.

Scott Tatro, LAWA December 3, 2012 Page 2

The position stated in this letter is the opinion of the majority of the membership of the Roundtable and is not the official position of the Federal Aviation Administration, the City of Los Angeles or Los Angeles World Airports.

Sincerely,

ġ.

Denny Schneider, Chairman LAX/Community Noise Roundtable

# SHUTE, MIHALY

396 HAYES STREET, SAN FRANCISCO, CA 94102 T: 415 552-7272 F: 415 552-5816 www.smwlaw.com OSA L. WOLFF Attorney wolff@smwlaw.com

December 7, 2012

Via E-Mail and U.S. Mail

Mr. Scott Tatro Los Angeles World Airports 1 World Way, P.O. Box 92216 Los Angeles, CA 90009-2116

#### Re: Proposed Runway Use Restriction at LAX (Part 161)

Dcar Mr. Tatro:

On behalf of the City of El Scgundo, thank you for the opportunity to review the Application for Approval of a Runway Use Restriction for Los Angeles International Airport (LAX) recently prepared by Los Angeles World Airports (LAWA) pursuant to Title 14 of the Code of Federal Regulations, Part 161 (14 CFR Part 161). With this application, LAWA is taking an important step toward reducing LAX nighttime noise. Specifically, LAWA is proposing to make enforceable its existing voluntary prohibition on departures to the east when LAX is in over-ocean operations at night.

El Segundo applauds LAWA for its efforts to address the adverse noise impacts associated with aircraft operations that do not conform to the voluntary runway use procedures currently in place at LAX. The draft application prepared by LAWA is both thorough and compelling. As such, it warrants prompt and complete approval by the Federal Aviation Administration (FAA) under the Airport Noise and Capacity Act of 1990 (ANCA) and 14 CFR Part 161. That is particularly true because the proposed runway use restriction would not ban any flights or cause flight diversions, only require operators to conform to reasonable runway use rules. El Segundo joins LAWA in urging FAA to approve the application.

The City responds as follows:

The City thanks Ms. Osa Wolf for her comments on behalf of the City of El Segundo.

Mr. Scott Tatro December 7, 2012 Page 2

Thank you for the opportunity to comment. Please keep El Segundo informed of developments relating to the proposed runway use restriction.

Very truly yours,

SHUTE, MIHALY & WEINBERGER LLP

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Osa L. Wolff

446080.1

SHUTE, MIHALY

 From:
 TATRO, SCOTT

 To:
 HOLDEN, ROBERT B.

 Subject:
 FW: EXPRESSION OF APPRECIATION FROM RESIDENTS OF LADERA HEIGHTS

 Date:
 Friday, December 14, 2012 7:02:06 AM

For the file.

Scott Tatro LAWA Environmental Services Division (424) 646-6499 <u>statro@lawa.org</u>

From: Bernice Yvonne [mailto:bedforby@ca.rr.com] Sent: Thursday, December 13, 2012 9:45 PM To: TATRO, SCOTT; drallanb@mac.com Subject: EXPRESSION OF APPRECIATION FROM RESIDENTS OF LADERA HEIGHTS

Ladera Heights Civic Association 5357 Centinela Ave. Los Angeles, CA 90045

Mr. Scott Tatro Los Angeles World Airports 1 World Way, P.O. Box 92216 Los Angeles, CA 90009-2216

RE: Appreciation for completing LAX Part 161 Study

Dear Mr. Scott Tatro:

As the Ladera Heights Civic Association (LHCA) representative to the Los Angeles International Airport (LAX)/ Community Noise Roundtable, I represent residents of nearly four (4) thousand households in the Ladera Heights Community located approximately two (2) miles Northeast of LAX.

At this distance from LAX, the quality of life for residents is very much impacted by aircraft noise and emissions. Some examples of this noise include ground run-ups, loop departures, Easterly departures, and an increase in aircraft flight activity over residents' homes. The restriction of Easterly departures during Over-Ocean or Westerly Operations from midnight to 6:30 AM as defined by the LAX Part 161 Study will afford some relief from sleep interruption during these early morning hours for residents.

On behalf of the residents of Ladera Heights I commend and very much appreciate the

The City responds as follows:

The City thanks Ms. Yvonne Bedford for her comments on behalf of the Ladera Heights Civic Association.

persistent effort by you and the LAWA Staff for completing the LAX Part 161 Study and submitting it to the Federal Aviation Administration ( FAA ) for approval.

Sincerely, Yvonne Bedford LHCA Representative



Alliance for a Regional Solution to Airport Congestion 322 Culver Boulevard, #231 Playa del Rey, CA 90293 info@regionalsolution.org

November 30, 2012

Mr. Scott Tatro Los Angeles World Airports 1 World Way, P.O. Box 92216 Los Angeles, CA 90009-2216

VIA Email: laxpart161@lawa.org

Re: Comments for LAX Notice of Airport Use Restriction during Midnight to 6:30 AM October 2012 draft of final submittal

Dear Mr. Tatro,

ARSAC is a community oriented organization advocating for safe LAX operations, improving LAX passenger experience, plus protecting and increasing the economic benefits to areas local to LAX, and to the region as a whole. We also work towards fostering operational policies that limit environmental impacts on all communities.

We strongly urge the FAA to approve this restriction. This restriction approval is an opportunity for the FAA to show that it is serious about its role of protecting the environment and citizens while fostering commerce. The proposal is reasonable, does not restrict the number of departures, and is cost effective. It will codify a process which reduces the impacts on tens of thousands of people surrounding LAX.

ARSAC acknowledges LAWA for taking on the approval application preparation task and for doing it so comprehensively. This effort will reduce the noise impacts on residents living around LAX by restricting the night-time flights to the east when LAX is in "over ocean" or "westerly operations." This effort recognizes an often used noise mitigation that has been voluntary since the 1970s, has been listed as a positive effort during each CA noise variance approved for LAX, and is included in the Stipulated Settlement of 2006 to which ARSAC is a party.

Each easterly take off at night that then turns over highly populated areas to go west impacts a broad number of people in the densely populated areas to the east and north/south areas surrounding LAX. We note that no flights are restricted from departing LAX and therefore there is minimal negative economic impact.

We understand that the FAA has very strict limitations on what expenses are considered in the Part 161 evaluation. The costs for implementation err on the side of conservatism. They including revenue lost for cargo offloaded to meet aircraft weight restrictions even when that cargo can be placed on another aircraft. If health impact costs were included, the benefits shown would be far greater than presented.

Please contact me with any questions: (213) 675-1817 or denny@welivefree.com Sincerely,

Dennes Schneide

Denny Schneider President, Alliance for a Regional Solution to Airport Congestion

ARSAC Comments to Request for Part 161 Restriction Approval by FAA

The City responds as follows:

The City thanks Mr. Denny Schneider for his comments on behalf of Alliance for a Regional Solution to Airport Congestion.



December 17, 2012

Submitted via email to laxpart161@lawa.org

Mr. Scott Tatro Los Angeles World Airports 1 World Way, P.O. Box 92216 Los Angeles, CA 90009-2216

Re: Comments on the 14 CFR Part 161 Application for Approval of a Runway Use Restriction at the Los Angeles International Airport

Dear Mr. Tatro:

Airlines for America<sup>®</sup> (A4A) appreciates this opportunity to comment on the application of the Los Angeles World Airports (LAWA) for approval of a runway use restriction at the Los Angeles International Airport (LAX). A4A is the principal trade and service organization of the U.S. airline industry, and its member airlines and their affiliates transport more than 90 percent of all U.S. airline passenger and cargo traffic.<sup>1</sup> These comments are based on the application prepared pursuant to Federal Aviation Regulation (FAR) Part 161 and the Airport Noise and Capacity Act of 1990 (ANCA) and the supporting analysis prepared by LAWA's consultants (hereinafter "Part 161 Application"). As detailed below, we oppose the proposed operating restriction as we do not believe the analysis demonstrates a noise exposure problem warranting a mandatory restriction and the proposed restriction is unduly burdensome. In addition to opposing the proposed restriction overall, we have grave concerns about the proposed enforcement provisions and the penalties proposed for non-compliance.

#### A Mandatory Restriction Is Not Warranted

At the outset, it is important to note that restrictions on operations of aircraft meeting Stage 3 noise criteria are disfavored under U.S. law and policy. Our national aviation policy is premised on full access by aircraft operators to the airports that have received public funding or other subsidies over the years. While some exceptions exist in the form of airport curfews or operational limits, for the most part these pre-date the passage of ANCA and were specifically grandfathered in the Act. The criteria for a new access restriction under ANCA and FAR part 161 are appropriately stringent and the process to obtain approval from the U.S. Federal aviation Administration (FAA) is consequently rigorous.

Key among the criteria for access restrictions are that any such restriction must be "reasonable" and must be predicated on identification of a bona fide noise problem.<sup>2</sup> In this case, we do not believe that LAWA

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<sup>1</sup> A4A's members are: Alaska Airlines, Inc., American Airlines, Inc., Atlas Air, Inc., Delta Air Lines, Inc., Federal Express Corporation, Hawaiian Airlines, JetBlue Airways Corp., Southwest Airlines Co., United Continental Holdings, Inc., UPS Airlines, US Airways, Inc.; Air Canada, Inc. is an associate member.

<sup>2</sup> The statutory criteria, which are premised on the need to address a noise problem, expressly include reasonableness. See 49 U.S.C. § 47524(c). Identification of a bona fide noise problem warranting a restriction also is required under the internationally-agreed policy for aircraft noise mitigation, known as the "Balanced Approach to Noise," to which the United States has agreed that it – and its airports with international service – will adhere.

1301 Pennsylvania Ave, NW, Suite 1100, Washington, DC 20004-1707 T: 202.626.4000 E: a4a@airlines.org W: airlines.org

The City responds as follows:

The City thanks Airlines for America for its comments.

1-1. Los Angeles International Airport's 14 C.F.R. Part 161 Application for Approval of a Runway Use Restriction (the "Application") demonstrates that the proposed restriction meets each of the ANCA requirements, including the requirement the restriction be reasonable, non-arbitrary and non-discriminatory. See specifically, Section 8.1. As required under 14 C.F.R. § 161.305(e)(2)(i)(A)(1), the Part 161 Application demonstrates that a current and projected noise problem exists – night awakenings caused by non-conforming operations – and that the problem will be relieved by the restriction. See Sections 6.2 and 8.1.1.

Mr. Scott Tatro December 17, 2012 Page 2

has demonstrated a noise problem warranting the proposed mandatory restriction. Moreover, the voluntary restriction already in place has successfully mitigated noise exposure from departures to the east at night, even with an occasional deviation as dictated by operational imperatives. Thus, the proposed mandatory restriction is not warranted and is unreasonable.

A4A and its members take environmental protection seriously and we have a strong record in this regard. With specific respect to noise mitigation, data from FAA confirm that the number of people exposed to significant levels of aircraft noise in the United States has dropped by over 90 percent since the late 1970s, even as enplanements have tripled. LAWA acknowledges that much has been done to reduce noise exposures in the vicinity of LAX. Indeed, Section 4.2 of the Part 161 details key elements of the current Aircraft Noise Abatement Program (ANAP) in effect at LAX. Further, Section 4.3 details other noise mitigation measures, including the extensive sound insulation program that has provided noise mitigation for thousands of homes with thousands more in the works. While these summary points provide some context, they fail to capture the full extent of the many actions that have been and are being taken by airlines and the airport to address noise exposures, such as the significant additions to the Land Use Mitigation Program (LUMP).<sup>3</sup>

In light of the noise reduction already achieved and the already extensive noise mitigation initiatives in place at LAX and in surrounding areas, what the proposed restriction would address is a very small number of night operations to the east. The reason the number of operations is small (estimated to be 65 annual operations on average, 0.1% of total nighttime operations in 2013) is because of the success of the voluntary "Over-Ocean Operations Runway Use Program," which, as LAWA acknowledges in its application, has significantly reduced the noise exposure of concern. While appreciating that any particular person experiencing aircraft sound may have a negative experience, the very small number of operations<sup>9</sup> and the estimated number of people who may (or may not) experience resulting noise<sup>5</sup> exposure do not rise to the level warranting a mandatory restriction. Ironically, LAWA cites the success of the voluntary measure as a significant part of the justification for imposing a mandatory one, stating that "because there are so few aircraft that depart east during Over-Ocean and Westerly Operations, and the airport is rarely in easterly flow, communities have come to expect no aircraft departures over their homes during late-night hours." See Part 161 Application, at Section 1.2. That very statement confirms that the voluntary measure has been a success, and such success should not be punished with a mandatory measure. Further, the few aircraft that do depart to the east are doing so because of aircraft certification or regulatory performance limits that dictate such departures.

<sup>5</sup> Given the limited time-period for comment, we have not been able to undertake an independent analysis of the noise exposure from any such flights. However, we question the conclusions reached in the LAWA analysis. Given that FAA sometimes directs that night departures should be to the east, the effects attributed to the nights in which westerly/over-ocean departures are occurring but where there may be an occasional easterly departure seem overstated. Also, it is not clear that the analysis took into account the extent to which certain residences that otherwise might be affected have sound insulation or otherwise are slated for such insulation in the future.

1301 Pennsylvania Ave, NW, Suite 1100, Washington, DC 20004-1707 T: 202.626.4000 E: a4a@airlines.org W: airlines.org



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<sup>&</sup>lt;sup>3</sup> A summary of a number of the additions to the LAX LUMP and other mitigation measures is provided in the presentation titled "Land Use Mitigation Program – Los Angeles World Airports – A Status Report," (May 18, 2009), available at

http://www.lawa.org/PDF/board\_agenda/BOAC%20Presentation%20LUMP%20Program%20Summary% 20Final.pdf.

<sup>&</sup>lt;sup>4</sup> The Part 161 Application confirms that there is only a "small number" of late night flights that do not follow the voluntary measure. See Part 161 Application at Section 6.2. In fact, LAWA acknowledges that these departures "represent an extremely small share of total aircraft operations at LAX." Part 161 Application, Appendix M, Section 3.0, p. 15.

1-2. The application takes account of the Aircraft Noise Abatement Program (ANAP) in Section 4.2 and Land Use Mitigation Program (LUMP) in Section 4.3.

1-3. The noise problem is caused by non-conforming easterly departures, which result in night awakenings. See Section 6.2. Non-conforming easterly departures persist despite the voluntary program and the Application demonstrates that relieving this persistent noise problem through the proposed restriction meets the requirements of ANCA.

Aircraft operators have stated that they will comply with the ordinance (see Response 1-5, below), the ordinance will not ban any flights and, as detailed in Sections 7.0-7.3, the impact on air carrier operations and associated costs is expected to be small.

1-4. The analysis of non-conforming operations is provided in Section 6.1 and the analysis of the sleep-awakening impacts of non-conforming operations is provided in Section 6.2. The impact analysis is based on standards developed by the American National Standards Institute and reviewed and recommended by the Federal Interagency Committee on Aviation Noise.

In the analysis of awakenings, the ANSI calculations assumed a Noise Level Reduction (NLR) value of 27.5 dB based on measurement data provided in the 2003 LAX Master Plan. While NLR 27.5 dB may not fully take into account the sound attenuation of those structures treated with sound insulation to reduce aircraft noise, the awakenings analysis showed that the majority of the increased awakenings from non-conforming operations occur outside of the Airport Noise Mitigation Program (ANMP) area. See Section 6.2.1 and Figure 12.

Mr. Scott Tatro December 17, 2012 Page 3

#### The Proposed Mandatory Restriction Would Be Unduly Burdensome

As acknowledged in the Part 161 Application, there is a high degree of conformance with the voluntary Over-Ocean Operations Runway Use Program. But there are situations when adhering to the voluntary measure is impracticable or otherwise problematic. These are the very situations where a mandatory restriction would pose significant operational problems. Of greatest concern are situations when an operator has made a determination that, based on prevailing winds or other conditions, it is safest to depart to the east (for example, when an operator must request an easterly departure to maximize headwinds to meet minimum takeoff length requirements for a particular aircraft). There are also situations where flight delays will push a departure otherwise scheduled before the restricted hours into the restricted hours and winds or temperature are such that the aircraft cannot take off in the westerly direction at the takeoff weight.

LAWA takes the position that airlines could reduce payload – cargo or passengers or both – to go forward with a westerly/over-ocean flight where tail winds or other conditions otherwise would call for an easterly operation.<sup>6</sup> See Part 161 Application, Appendix M, at Section 3.0. Under such a situation, LAWA estimates that the airlines would experience losses between \$8.4 to \$32.1 million, net present value, over the study period. Id. at Section 4.0, p. 23. This analysis, however, fails to take into account the significant ripple effects of off-loading cargo and passengers. First, there are direct economic effects to the airlines – such as potential passenger and customer compensation – for the disruption of the passengers and cargo, which have not been included in the analysis.<sup>7</sup> Second, operational delays to effectuate the offloading can add increased costs in terms of crew and ramp-worker costs. Third, there can be other effects associated with such a delay that can disrupt or result in cancellation of the flight all together, such as crew flight time limitations and slot constraints. Moreover, in addition to the effect on the airlines, the economic effects and other negative effects of such disruptions on passengers and cargo customers also should be considered.<sup>8</sup>

We also believe that the analysis likely fails to capture certain flights that would be affected by the mandatory restriction. LAWA's analysis suggests, for example, that in 2018 all of the flights that would be affected would be international flights. <u>See</u> Part 161 Application, Appendix M, Section 2.0, p. 3. However, our member airlines have indicated that some of their domestic flights likely would be affected as well.

LAWA asserts that airlines may be able to mitigate the costs of the proposed restriction by proactively limiting payload to allow for a westerly/over-ocean departure where an easterly departure otherwise is dictated. Such an assertion is not supported by the record and does not make sense. As LAWA itself acknowledges, it is extremely difficult to predict when tailwind and other conditions would dictate an easterly departure when the airport otherwise is in westerly/over-ocean conditions. See Part 161 Application, Appendix M, Section 3.0, p. 15. Thus, the airlines cannot plan for reduced payload on the small handful of flights that might be affected. And to reduce payload on all flights in anticipation that some tiny percentage might be affected would have even greater financial and operational effects.

<sup>6</sup> Notably, LAWA has concluded that no other option – such as delaying until morning the flights that otherwise would need to take off to the east – is at all tenable, because of the operational and economic impacts. As noted here, offloading cargo and/or passengers also is untenable.

<sup>7</sup> Denied boarding compensation alone, which is required by the Department of Transportation under 14 C.F.R. § 250.5, is quite costly and can be as high as \$1,300.00 per passenger per flight.

<sup>8</sup> Offloading fuel, rather than cargo and/or passengers is not an option for dealing with these concerns. As noted in the Part 161 Application, fuel offloading almost certainly would require extra fuel stops. In addition to increasing fuel costs, such stops also can lead to conflicts with crew flight time limitations and slot constraints.

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1-6

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1-5. Based on interviews with aircraft operators responsible for 85% of the recent (September 2011 to August 2012) non-conforming operations (see Section 7), aircraft operators expect that they will be able to take steps to limit payload on potentially non-conforming flights in order to comply with the proposed restriction while maintaining safe aircraft operations.

1-6. The costs developed for the benefit-cost analysis represent a reasonable estimate of the costs incurred for the type of flights forecast to have non-conforming departures in 2013 and 2018. The costs associated with reducing cargo payload would be substantially lower than estimated if airlines are able to shift cargo to later flights.

1-7. The City based its analysis of non-conforming departures on historic data collected since June 2000. Section 6.1. The data show that it is unlikely that domestic flights would account for a significant number of future non-conforming operations.

1-8. Airlines could mitigate their potential costs with cargo load planning that allows containers with less time sensitive cargo to be off-loaded with minimum disruption to other shipments. See Section 7.3.

1-9. Off-loading cargo and/or passengers involves costs, as discussed in Sections 7.1-7.3, but is not untenable.

Mr. Scott Tatro December 17, 2012 Page 4

LAWA also attempts to assert that there may be fuel and carbon dioxide savings associated with forcing aircraft that otherwise would depart to the east into a westerly/over-ocean departure. This simplistic assertion fails to capture the effects of having to move offloaded passengers and cargo onto other flights and the potential fuel burn implications of delaying an aircraft for such offloading.<sup>9</sup>

Surprisingly, LAWA does not even attempt to include reasonable exceptions in the proposed restriction for situations that create untenable operations or unreasonable hardship on the airlines and/or the airlines' passengers and customers. In fact, the only exemptions that LAWA has proposed to the mandatory restriction against easterly departures when the airpoint is in westerly/over-ocean operations would be available only to non-commercial operations or in an extreme "bona fide medical or life-saving emergency." These exemptions do nothing to reduce the significant economic and operational effects the mandatory restriction would have on commercial aircraft operations, adding to the unreasonableness of the proposal.

In light of the above, even assuming offloading cargo and/or passengers was practicable, LAWA has severely underestimated the negative effects and costs of the proposed restriction. But, in light of the difficulties associated with offloading cargo and/or passengers and the fact that proactive planning for reduced payload is impossible and/or impracticable, to go forward with the restriction could very well mean that the flights at issue would have to be cut from the schedule all together and flights near the restricted time window that might run into the restriction in light of a delay could also become untenable. Under any scenario, the proposed mandatory restriction would be unduly burdensome on the airlines and impose an undue and unreasonable burden on interstate commerce.

#### The Proposed Enforcement Provisions for Non-Compliance with the Restriction Are Unworkable and Overly Punitive

While the proposed mandatory restriction does not make sense on its own merit, the proposed enforcement provisions also render it fatally flawed in at least two respects.<sup>10</sup> First, by stating that "any person" deemed to "counsel, aid, assist, or abet" in the operation of an aircraft in violation of the restriction would be "subject to the same penalty provisions" as the "Operator," the proposal would create individual and expansive liability that is not well defined and not appropriate. Not only would this stray from corporate liability into personal liability (presumably not only the company would be subject to liability, as might be expected for violation of a noise-based operating restriction), but any worker involved or deemed to be involved – from the pilot, to the ramp worker, to the dispatcher and so on and so on – could be subject to this expansive provision. This individual liability is unreasonably broad, unworkable and overly aggressive in general, but even more so in light of the fact that no exceptions to the restriction would be available for commercial operations.

Second, the proposal that an airline would be banned from night operations entirely for three years if it had three non-compliant operations within three years is excessive and overly punitive. Again, given that there are no exceptions available for commercial operations, the restriction imposes a strict liability standard. To then turn this into a total operating ban if there are three incidents of non-compliance, regardless of the circumstances, is overly punitive. Simply put, such a penalty would itself be an inappropriate restriction on air travel and inconsistent with ANCA.

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<sup>&</sup>lt;sup>9</sup> Further, it is ironic that LAWA attempts to claim this as a potential "benefit" to the airlines, as the normal LAX noise abatement flight tracks actually add fuel burn to airline operations.

<sup>&</sup>lt;sup>10</sup> The aggressive nature of the enforcement provisions that LAWA seeks is frankly shocking; we are not aware of similarly punitive enforcement provisions for such a noise restriction either in the U.S. or internationally.

1-10. Trans-Pacific flights save fuel and emit less carbon dioxide by departing to the west. At reduced takeoff weights, their time-to-climb to cruising altitude is faster and their total flight times are shorter than the comparable heavier-weight takeoff to the east with its slow-climbing turn back over the ocean. See Section 7.2 of the Part 161 Application.

1-11. The Application demonstrates that the proposed restriction will not create untenable operations or unreasonable hardship, particularly in light of the impact that late night east departures have on low income and minority neighborhoods. Further, it is reasonable to assume that, if the proposed restriction were in place with additional exemptions suggested by A4A, the exception would swallow the rule and the proposed restriction would have no effect.

1-12. Based on information provided by the airlines, there is no reason to expect that any aircraft operations will be discontinued as a result of the proposed restriction due to the availability of more cost-effective measures such as off-loading weight. See Section 7.3.

1-13. While the City does not concur that individual liability is per se unreasonable and reserves the right to include such liability in the future (subject to appropriate FAA approval), the Proposed Ordinance has been revised to address the commenter's concern.

1-14. While the City does not concur that restricting operations of pervasive violators of a noise restriction is barred by ANCA and reserves the right to include such restrictions in the future if the proposed enforcement penalties prove ineffective (subject to appropriate FAA approval), the Proposed Ordinance has been revised to address the commenter's concern.

Mr. Scott Tatro December 17, 2012 Page 5

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In light of the above, we urge LAWA to decline to go forward with the proposed mandatory operating restriction. Thank you for your consideration.

Sincerely yours,

Namy Nyau

Nancy N. Young Vice President, Environmental Affairs

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Legal Department 3620 Hacks Cross Read Building B, 3rd Floor Memphis, TN 38125 Telephone 301.434.8600	
Express	3
February 17, 2012	
Submitted via email to laxpart161@lawa.org	
Mr. Scott Tatro Los Angeles World Airports 1 World Way, P.O. Box 92216 Los Angeles, CA 90009-2216 RE: Comments on the 14 CFR Part 161 Application for Approval of a Runway Use Restriction	
at the Los Angeles International Airport Dear Mr. Tatro:	
Federal Express Corporation (FedEx Express) is submitting the following comments on the application of the Los Angeles World Airports (LAWA) for approval of a runway use restriction at the Los Angeles International Airport (LAX). These comments are based on the application prepared pursuant to Federal Aviation Regulation Part 161 and the Airport Noise and Capacity Act of 1990 (ANCA) and the supporting analysis prepared by LAWA's consultants.	
FedEx Express fully supports and incorporates herein the comments submitted in opposition to the application by Airlines for America (A4A), and provides our additional comments below.	2-1
The LAWA application seeks to make mandatory a voluntary restriction on easterly departures	
from midnight – 0630 during Over-Occan and Westerly operations modes, when tailwinds from the east are below 10 knots. The cost analysis of the proposed restriction is based upon a limited	2-2
projection of future "non-conforming" departures based on a data set of such easterly departures compiled by LAX over the past 10 years. The benefits analysis of the proposed restriction is based largely upon an estimate of residents who may be awakened by such easterly departures as a result of the overwhelming success of the current voluntary runway use program, which has resulted in communities having come "to expect no aircraft departures over their homes during the late night hours." (LAWA application, Section 1.2).	
The LAWA application states that over the past 10 years, the number of non-conforming departures has averaged 65 per year, occurring on average over 30 nights per year. Based upon this is for a size the LAWA emplication makes a projection of 65 of footed departures in 2013.	2-3
this information, the LAWA application makes a projection of 65 affected departures in 2013 and 2018. This projection includes only 3 all-cargo operators—all foreign carriers operating trans-Pacific routes—and no domestic flights are included in the projection at all. (LAWA application, Table 17) The supporting Use Restriction Cost Analyses in Appendix M of the LAWA application is wholly based upon this limited projection. The full list of the "non-	

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The City responds as follows:

The City thanks FedEx for its comments.

2-1. Please refer to the City's responses to the comments by Airlines for America.

2-2. The noise problem is caused by non-conforming easterly departures, which result in night awakenings. See Section 6.2. Non-conforming easterly departures persist despite the voluntary program and the Application demonstrates that relieving this persistent noise problem through the proposed restriction meets the requirements of ANCA.

2-3. The forecast of nonconforming departures includes no domestic flights because they are exceptionally rare. For example, LAWA's records from monitoring non-conforming departures indicate FedEx has itself had only one non-conforming departure since 2004.
conforming" departures compiled since 2001 is not included in the LAWA application, and 2 - 3FedEx Express does not track directional LAX departure information in our records. While FedEx Express is not included in the limited projection of affected departures, our internal analysis indicates a potentially significant impact resulting from the proposed restriction. Of note, the FedEx Express routes most likely impacted by the proposed restriction are domestic MD-10 departures to Newark (EWR) and Indianapolis (IND), neither of which would turn back 2-4to the west over the noise-sensitive communities described in the LAWA application. As indicated in the attached "MD-10-10" spreadsheet, these daily flights are impacted as a result of the weight-based runway performance thresholds that decrease with tailwinds below 10 knots. Our analysis shows payload weight reduction requirements between 800lbs and 11,000lbs resulting from the lack of availability of an easterly departure based on historical weight data for these flights. As indicated in the attached "AM east wind" chart, our meteorological data shows tailwinds from the east from 3-10 knots an average of 34% of the time between 0100 and 0700 at LAX over the past year, bringing these conditions into play during a substantial amount of nighttime periods. As an aside, we note that such winds occur much less frequently during the summer months of July and August; the LAWA application seeks to attribute a smaller number of "non-conforming" departures during these months to planned reductions in payload. (LAWA application, Section 6.1) As indicated in the Use Restriction Cost Analysis in the LAWA application, there are multiple ways that a carrier might accomplish and deal with such a payload weight reduction requirement. FedEx Express, however, offers a money-back guarantee to its customers and our reputation is greatly dependent on our timely delivery performance, so simply delaying delivery is not an option. The operation of additional flights to transport the reduced payload would involve significant additional costs, including emissions implications. While the uncertainty of the conditions that would bring the restriction into play makes it difficult to calculate a cost impact with precision, we believe that the analysis in the LAWA 2-5application has unduly limited the projection of impacted flights and has underestimated the cost impacts. We also challenge the justification for the proposed restriction, as being based upon the clear success of the current voluntary runway use program. Accordingly, we find that the proposed restriction would be unduly burdensome on the airlines and impose an undue burden on interstate commerce. Sincerely, FEDEX EXPRESS David M. Jensen Lead Counsel **Regulatory Affairs** 

2-4. The FedEx analysis of potential MD-10 payload penalties is based on an unrealistically high airport temperature and as a result substantially overestimates the payload reduction required when taking off to the west with a low to moderate tailwind. This is supported by the fact that FedEx has had only one non-conforming departure since 2004. If FedEx expects that it will increase its non-conforming easterly departures, it will contribute to worsening the noise problem since all aircraft taking off to the east pass directly over noise sensitive communities. Restricting such flights will increase the benefits of the proposed restriction.

2-5. Given that FedEx has had one non-conforming flight over the last eight years, the suggestion that the Application underestimates costs because the proposed restriction could require the operation of additional flights to meet timely delivery requirements or result in significant costs due to money-back guarantees is overstated and fails to consider the benefits that would result from the restriction.

00 L ST	January	February	March	April	May	June	ylub	August	September	October	November	November December	Annual
	38.7%	38.7%	35.3%	32.2%	23.5%	15.2%	10.7%	12.5%	21.5%	34.6%	39.6%	39.2%	28.5%
400 LST	42.4%	42.9%	39.8%	41.0%	33.3%	28.9%	21.1%	22.0%	29.5%	38.4%	44.5%	43.1%	35.6%
TSJ 00	44.6%	41.5%	44.7%	44.3%	37.9%	29.8%	25.0%	24.5%	28.9%	39.5%	45.9%	46.5%	37.8%
verage	41.9%	41.0%	39.9%	39.2%	31.6%	24.6%	18.9%	19.7%	26.6%	37.5%	43.3%	42.9%	33.9%
S W	nd from ENE s percentage	includes wind from ENE, E, and ESE with speed of 1-10 kts frequency is percentage of hourly observations with desired conditions	with speed of servations with	f 1-10 kts desired cond	itions								
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Attachment 1 to FedEx Letter



Attachment 2 to FedEx Letter

### BEFORE THE LOS ANGELES WORLD AIRPORTS LOS ANGELES, CALIFORNIA

### Los Angeles International Airport Notice of Proposed Airport Use Restriction and Release of Draft Part 161 Application

### COMMENTS OF THE CARGO AIRLINE ASSOCIATION

### Introduction:

On November 1, 2012, Los Angeles World Airports (LAWA) issued its proposed airport use restriction that would prohibit the easterly departure of all aircraft (with limited exceptions) at Los Angeles International Airport (LAX) during the hours during the hours of 12 midnight to 6:30 a.m. when LAX is operating in Over-Ocean Operations or when the airport remains in Westerly Operations during these hours. Comments on this proposed restriction were requested by December 17, 2012, with an intent to submit the restriction to the Federal Aviation Administration (FAA) by the end of January 2013.

The Cargo Airline Association ("the Association") is the nationwide trade organization representing the interests of United States all-cargo air carriers.<sup>1</sup> Our members routinely operate at LAX and would potentially be adversely affected by the proposed restriction. Accordingly, the following Comments are submitted for consideration by LAWA.

<sup>&</sup>lt;sup>1</sup> Airline member of the Association are ABX Air, Atlas Air, Capital Cargo, FedEx Express, Kalitta Air and UPS Airlines.

The City responds as follows:

The City thanks the Cargo Airlines Association for its comments.

#### The Proposed Restriction:

Stating that it has found a significant nighttime noise problem in the operation of easterly departures at LAX when the airport is operating in either Over-Ocean or Westerly Operation configurations, LAWA has proposed an outright ban of such operations between the hours of Midnight and 6:30 a.m. At the present time, this restriction is on a voluntary basis.

This restriction is being proposed in spite of the fact that LAWA candidly admits that "(o)ver the past ten years, the number of non-conforming departures has averaged 65 per year, or 0.1% of the nearly 57,000 total nighttime (defined as 10:00 p.m. to 7:00 a.m.) departures projected to occur at LAX in 2013."<sup>2</sup> In addition, LAWA goes on to point out that such non-conforming operations historically account for only 0.2% of the flights operated between midnight and 6:30 a.m. Moreover, such non-conforming operations are not very frequent, occurring, on average, on less than 10% of days on an annual basis.<sup>3</sup>

The operational need for such non-conforming flights when tailwinds are between 0 and 10 knots is clearly recognized by LAWA. As stated in the Draft Part 161

Study:

It is when the tailwind component is between 0 and 10 knots that pilots of large, heavy aircraft request non-conforming easterly departures to maximize their headwind component and meet minimum takeoff length requirements for the weight of the aircraft. Historically, the operators requesting to depart contrary to current flow conditions are long-haul passenger and cargo carriers with heavily loaded aircraft heading to destinations such as Sydney, Singapore, Tokyo, and Beijing.<sup>4</sup>

In other words, LAWA recognizes that there is a valid operational need for the non-

conforming operations; the requests are not made for non-operational reasons. At the

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<sup>&</sup>lt;sup>2</sup> Draft Part 161 Study, p. 4.

<sup>&</sup>lt;sup>3</sup> Draft Part 161 Study, p. 4.

<sup>&</sup>lt;sup>4</sup> Draft Part 161 Study, p. 4.

3-1. The quoted excerpt from the Application does not recognize a need for continued nonconforming operations since the operational concerns can be addressed by aircraft operators.

3-2

3-3

same time, LAWA argues that imposition of the proposed restriction "...would not ban any flights or cause air carriers to cancel service or divert flights to alternate airports".<sup>5</sup> However, it is clear that, in order to comply with the restriction, operational "adjustments" will be necessary. As noted by LAWA, such adjustments will likely include reduced payloads and/or delayed flights.

### **Position of the Cargo Airline Association:**

Current airport noise policy is directly traceable to the Airport Noise and Capacity Act of 1990 (ANCA) which was subsequently implemented by the FAA in Part 161 of its Regulations. Both ANCA and Part 161 specifically require that, for a proposed regulation to be approved, it must be "reasonable". See, 49 USC 47524(c) and 14 CFR 161.305. Implicit in any "reasonable standard" is that the proposed restriction must address a significant noise problem. The Cargo Airline Association respectfully submits that LAWA has not demonstrated a significant noise problem and the proposed mandatory operating restriction at LAX is both unnecessary and unreasonable.

As LAWA itself notes, the operations at issue comprise less than 0.2 % of operations between midnight and 6:30 a.m. and occur less than 10% of the time. The only conclusions that can be drawn from these data are (1) that there is **not** a noise problem that warrants a blanket ban on eastbound operations when operationally necessary and (2) that the existing voluntary program to restrict nighttime noise from easterly operations when operationally feasible is working very well. In fact, what LAWA appears to be arguing is that the voluntary program is working so well that local residents have become used to a quiet nighttime environment, thereby increasing their

<sup>5</sup> Draft part 161 Study, p. iii.

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3-2. The Application demonstrates that a current and projected noise problem (night awakenings) exists that will be relieved by the restriction, as required under 14 C.F.R. § 161.305(e)(2)(i)(A)(1). See e.g. Sections 1.3 and Section 6.2. Section 8.1 provides evidence that the restriction is reasonable, non-arbitrary and non-discriminatory. The restriction merely requires that all aircraft operations conform their departures to prevailing flows at LAX.

3-3. The Application does not state or argue that the low income and minority neighborhoods east of LAX have become accustomed to quiet and thus are more sensitive to non-conforming easterly departures. The analysis reported in the Application is based on the application of the ANSI sleep disturbance standard. The additional mitigation that is achieved by turning the voluntary measure into a restrictive one allows these Environmental Justice neighborhoods to experience more uninterrupted nights of sleep than they would otherwise, and at reasonable cost.

In addition, LAWA is not proposing a blanket ban on easterly departures between the hours of midnight and 6:30 a.m. The LAX proposed restriction is intended to restrict easterly departures only during Westerly Operations and Over-Ocean Operations, but does not propose restricting easterly departures when the FAA has directed that LAX operate in Easterly Operations.

sensitivity to the extremely small number of non-conforming flights. That argument is, in itself, a concession that the magnitude of any disturbance is extremely small and cannot rise to the level of warranting an outright ban of certain, operationally required, flights.

While this proposed restriction is problematic for all industry members operating "heavy" equipment, it is especially troublesome for all-cargo operators. LAWA believes that "(s)ome carriers are likely to limit their payloads or occasionally delay individual flights until more favorable wind conditions exists, but the impacts on air carrier operations and associated costs are expected to be small."<sup>6</sup> This belief is wholly at odds with an all-cargo business model that depends on guaranteed expedited time-definite service. Contrary to LAWA's assertions, off-loading cargo and/or delaying flights which could operate on time is not a viable option – especially where, as here, the environmental benefits are *de minimis*.

Moreover, while the Draft Part 161 Study implies that potentially affected residents enjoy virtually total nighttime quiet except when easterly operations are conducted when LAX is operating in the Over-Ocean or Westerly operational mode, that is clearly not the case. As the Draft Part 161 Study points out, from April 1, 2010 to March 31, 2011, 540 easterly departures occurred between midnight and 6:30 a.m., only 56 of which were non-conforming. There are, therefore, almost ten times as many conforming easterly departure flights as non-conforming flights. Accordingly, the "noise delta" that should be considered is not between zero (no noise) and 65 flights, but rather between approximately 484 conforming easterly departure flights and an additional 56

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<sup>6</sup> Draft Part 161 Study, p. 91.

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3-4. There are viable options to non-conforming easterly departures. See City Responses 1-5, 1-9 and 1-12 above. As indicated in Section 7.5 the environmental benefits (both in terms of reduced awakenings and reduced fuel burn and greenhouse gas emissions) are not *de minimus*.

3-5. By definition, there cannot be conforming and non-conforming easterly departures at the same time. Accordingly, when non-conforming easterly departures occur, there are no conforming easterly departures that could be causing the same sleep awakenings.

non-conforming flights. Put somewhat differently, the increase in community noise for

those allegedly affected is not nearly as dramatic as LAWA has alleged.

In view of these facts, the Cargo Airline Association respectfully urges LAWA not to implement the proposed mandatory nighttime restriction on easterly departures when LAX is operating in an Over-Ocean or Westerly Operations mode. Indeed, when looking at the data presented, the only conclusion that can be reached is that the proposed restriction is a solution desperately in search of a problem. The facts of record clearly indicate that, contrary to LAWA's assertions, the existing voluntary program is working very well, with very few operationally required non-conforming flights each year. To implement the proposed restriction is therefore unreasonable and not in the public interest.

Respectfully submitted,

Steph a. alterno

Stephen A. Alterman President Cargo Airline Association 1620 L Street, NW Suite 610 Washington, DC 20036 202-293-1030 salterman@cargoair.org

December 17, 2012

### 3-6

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3-6. Non-conforming easterly departures persist despite the efforts to reduce the number of nonconforming operations through a variety of volunteer programs. These non-conforming departures create a noise problem due to night awakenings that the proposed restriction will relieve at reasonable cost.

From:	Yasuo Nishiyama
To:	NOISE MANAGEMENT - LAXPART161
Subject:	Re: Proposed Eastery Departure restriction of all aircraft
Date:	Tuesday, December 04, 2012 10:15:28 PM

To:Dear Mr.Scott Tatro/Los Angeles World Airports,Environmental Services Division. From: Yasuo Nishiyama/Deputy General Manager Flight Operations Standard/Nippon Cargo Airlines

Dear Mr. Tatro.

We have learned the proposed Eastery Departure restriction of all aircraft is under discussion and LAWA will submit part161 document to FAA on 13Jan next year for the accepting the application.

We Nippon Cargo Airlines are one of the operator on the list of table17 "Projected Aircraft Departures Affected in 2013 and 2018, by Airline, Destination , Cargo or Passenger Flight Type, and Aircraft Type" in the "Benefit-Cost Analysis of Runway Use Restriction" draft dated October 2012.

Needless to say, we understand the importance of the noise abatement and we have been trying to be a good neighbour as much as possible.

On the other hand,Los Angeles International Aiport is one of the most important airport in the world for the air transportation companies regardless of passsenger or cargo and an essensial airport for transpacific routes.

Due to the nature of the long haul flight, the take off weight is very heavy and the aircraft needs higher performance available. In the eastery wind condition, the aircraft needs to take off to the east so that it can avoid tail wind which will decrease the performance.

We believe the facts above have been already taken into consideration before the proposal had been done.

However we would appreciate if you could reconsider the factor mentioned above and grant some waiver

or exceptions in case of unavoidable wind conditions possiblely few times per year.

In addition,we have heard LAX will have approximately 3months of runway 07L/25R closure due to construction

work in next summer. The runway is the longest one and it is going to be another big impact for cargo airlines like us. If runway 07L/25R closure and the eastery departure restriction in effect happen at the same time, it would be unreasonable burden to the air transportation companies like us.

Please kindly take this situation into account and consider to set exceptional/waiver period during the construction of runway07L/25R to mitigate the impact at least.

Very best regards

Yasuo Nishiyama Deputy General Manager Flight Operations Standard Nippon Cargo Airlines phone:+81-476-32-9843 fax: +81-476-32-9776 e-mail:yasuo.nishiyama@nca.aero



4-	2	

The City responds as follows:

The City thanks Nippon Cargo Airlines for its comments.

4-1. The voluntary program in existence today currently provides for the exceptions requested, which has resulted in the unimpeded 65 annual average non-conforming easterly departures provided in the Part 161 Application. Thus, these exceptions would eliminate the effectiveness and undermine the purpose of the proposed restriction.

4-2. The City does not expect the restriction to be in effect by the summer of 2013.

4-3. Please refer to response to 4-2.



18400 Von Karman Avenue, Suite 800 Irvine, California 92612-0514 Telephone (949) 760-1121 / Fax (949) 720-0182

> Direct Dial Number: (949) 224-6292 Direct Facsimile Number: (949) 224-6480 E-Mail Address: blichman@buchalter.com

December 14, 2012

#### VIA E-MAIL (LAXPART161@LAWA.ORG)

Scott Tatro Los Angeles World Airports I World Way, P.O. Box 92216 Los Angeles, CA 90009-2216

> Re: Los Angeles International Airport - <u>14 C.F.R. Part 161 Application for Approval</u> of a Runway Use Restriction - October 2012

Dear Scott:

As you know, we represent the City of Inglewood, California ("Inglewood"), signator on the "Stipulated Settlement" with the City of Los Angeles signed February 16, 2006, resolving the challenge by Inglewood and four co-Petitioners<sup>1</sup> to the approval by the City of Los Angeles ("City") of the LAX Master Plan Program. The following constitute Inglewood's comments on the "Los Angeles International Airport 14 C.F.R. Part 161 Application for Approval of a Runway Use Restriction," Draft of October 2012 ("Draft Part 161).

An important provision of the Stipulated Settlement to Inglewood is its Appendix A, § A, subsection 10, "Part 161 Noise Study." In that section, City commits to "seek FAA approval of various penalties that can be imposed on airlines whose flights violate nighttime <u>Over-Ocean</u> <u>policies and procedures</u>." [Emphasis added.] The Draft Part 161 then parses from the full complement of "Over-Ocean policies and procedures" "nonconforming" departures to the east during the hours of 12:00 midnight to 6:30 a.m., thereby omitting a critical aspect of the "Over-Ocean policies and procedures" which have been in effect on a voluntary basis for decades, but which the Stipulated Settlement now requires LAWA attempt to make mandatory in their entirety – that is, Over-Ocean arrivals during the same period.

While that section of the Stipulated Settlement also specifically refers to "restrictions on departures," it is Inglewood's position that the clear intent of the parties to the Stipulated Settlement; the Board of Airport Commissioners ("BOAC"), in signing the original 1972

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<sup>&</sup>lt;sup>1</sup> Co-Petitioners include the Cities of Culver City and El Segundo, the County of Los Angeles and Alliance for a Regional Solution to Airport Congestion ("ARSAC").

The City responds as follows:

The City thanks Ms. Barbara Lichman for her comments on behalf of the City of Inglewood. The comments raise issues arising under California state law concerning the scope of LAWA's obligations to seek approval of Part 161 restrictions. The comments do not question the analysis in the Application and whether it complies with ANCA. Accordingly, no response is necessary for FAA's evaluation of the application.

Buchalter Nemer

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Resolution establishing "Over-Ocean procedures;" the California Department of Transportation, Aviation Division ("Caltrans"), in granting the 2011 Variance from the California Airport Noise Standards, 21 C.C.R. § 5000, *et seq.*, at least partially on the basis of the Over-Ocean procedure mitigation measure; and LAWA itself, in its continuing "aircraft noise abatement and operating procedures and restrictions," September 2010 (*see* Draft Part 161, § 1.1, fn. 15) was to include in the Draft Part 161 Application not only a proscription on occasional, "nonconforming" departures to the east, but a mandate that "Over-Ocean procedures," as a whole, including both arrivals and departures, be made enforceable.

### I. <u>THE SCOPE OF THE DRAFT PART 161 APPLICATION IS UNNECESSARILY</u> LIMITED

At its fundament, the Draft Part 161 Application appears to misconstrue the purpose of 14 C.F.R. Part 161 ("Part 161"), *i.e.*, to make mandatory existing voluntary restrictions, not to merely punish deviations from those existing voluntary restrictions. In this case, a Part 161 Application to make mandatory the full extent of the "Over-Ocean procedures" that have been in existence as a unit for 40 years would not only serve the positive purpose of protecting communities to the east of the airport, but would also per se penalize deviations from both mandated arrivals and departures to the east.

Moreover, to ignore an arrival procedure integral to the "Over-Ocean procedures" is to abrogate the scope of the restriction that has been extant for 40 years. The original 1972 resolution establishing the Over-Ocean procedures, Resolution 7467 of the BOAC, requires that "all aircraft <u>approaching</u> Los Angeles International Airport shall <u>approach</u> LAIA from west to east" between the hours of 11:00 p.m. - 6:00 a.m.<sup>2</sup> [Emphasis added.]

Subsequently, beginning in about 1990, Caltrans incorporated the Over-Ocean procedures as mitigation measures in the variances from State noise standards granted to LAX as a noise problem airport. Under the most recent Variance of February, 2011 "LAX is to continue in full force and effect the implementation <u>and enforcement</u> of ... Over-Ocean operations between 0000 and 0630 [24 hour time designations for 12:00 midnight to 6:30 a.m.], weather and operational conditions permitting." Finally, the Draft Part 161 Application concedes that the most recent LAX aircraft noise abatement operating procedures and restrictions continue to specify "arrival and departure procedures for ... Over-Ocean operations." Draft Part 161 Application, § 1.1, p. 3.

Despite these clearly inclusive mandates, and the requirement for <u>enforcement</u> of Over-Ocean procedures set forth in the 2011 Variance, the Draft Part 161 Application addresses only one-half the "Over-Ocean procedures," that one-half governing departures. This is particularly

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<sup>&</sup>lt;sup>2</sup> Those hours were subsequently reduced in 1974 by Amended Resolution 8372 to 12:00 midnight – 6:30 a.m., which also established a minimum ceiling, visibility and tailwind components for Over-Ocean arrivals. Draft Part 161 Application, § 1.1, p. 2.

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surprising as departures to the west, into the prevailing wind, are the norm at LAX, both day and night, and, thus, are more easily complied with, while arrivals from the west, with prevailing wind, are an anomaly, and, thus, in need of more stringent policing to prevent infractions.

In short, the Draft Part 161 Application, as currently applicable to only a portion of the full "Over-Ocean procedures," fails to satisfy either the clear intent of the Stipulated Settlement or the commitment to the State of California for noise mitigation as set forth in the currently applicable Variance.

### II. THE OMISSION OF OVER-OCEAN ARRIVALS FROM THE DRAFT PART 161 HAS THE POTENTIAL TO SERIOUSLY DISADVANTAGE COMMUNITIES TO THE EAST OF THE AIRPORT

The Draft Part 161 Application, §§ 5 and 6, reflect a substantial number of nighttime arrivals as well as departures.<sup>3</sup> Of these, § 6, Table 7 indicates a total of 44 arrivals occurred on the North Runway Complex (Runways 6 and 24) between the hours of 12:00 midnight and 6:30 a.m. Despite this substantial proportion of nighttime arrivals, the Draft Part 161 Application fails to fully evaluate the impacts of arrivals from the east, currently precluded only by the voluntary compliance of the carriers.

Needless to say, this omission gives rise to the specter of greatly increased noise impacts over Inglewood and other communities east of the airport from the absence of, or failure to enforce, restrictions on Over-Ocean arrivals. As the application correctly asserts with respect to "nonconforming" departures to the east, "many residents are estimated to be awakened from sleep," Draft Part 161 Application, § 1.2, p. 4. This statement is even more true with respect to the arrivals from the east, because of their lower altitude, if not specifically prohibited.

Moreover, because night operations are weighted at 10 times the level of daytime operations in the calculation of cumulative noise impacts, any deviation from "Over-Ocean procedures" for arrivals, if they are not made mandatory, could significantly increase the noise contours to the east, thus prejudicing the airport as well as the communities around it.

For all the above reasons, Inglewood strongly urges LAWA to increase the scope of the Draft Part 161 Application to encompass "standard" Over-Ocean arrivals during the hours of 12:00 midnight to 6:30 a.m., thereby ensuring the integrity of the current noise variance, as well as compliance with the Stipulated Settlement. Inglewood appreciates this opportunity to

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<sup>&</sup>lt;sup>3</sup> Section 5, Table 4 shows 114.215 night arrivals in 2013, and Table 6 projects 121.524 night arrivals in 2018.

**Buchalter**Nemer

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comment and looks forward to the enlargement of the scope of the Draft Part 161 Application to include the full complement of "Over-Ocean procedures" so critical to the welfare of the citizens of Inglewood.

Sincerely,

BUCHALTER NEMER A Professional Corporation

Bachaca hickean By

Barbara Lichman

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Richard Cavalier
NOISE MANAGEMENT - LAXPARTI61
"Jaura schiller@boxer.senate.gov"; "chris thompson@feinstein.senate.gov"; "mikael.moore@mail.house.gov"; "samahndi.cunningham@sen.ca.gov"; "assembly.member.bradford@assembly.ca.gov"; "executiveoffice@bos.lacountv.gov"; "mmcdade@citvofinglewood.org"; "michaelstevens@cityofinglewood.org"; "councilofficedstrict2@citvofinglewood.org"; "emorales@citvofinglewood.org"; "michaelstevens@cityofinglewood.org"; "allocuncilandderks@elsegundo.org"; "emorales@citvofinglewood.org"; "r.franklin@citvofinglewood.org"; "allocuncilandderks@elsegundo.org"
Toward Sanity at LAX
Saturday, November 03, 2012 3:23:33 PM

#### Scott Tatro,

LAWA's recent "Runway Use Restriction" notice mentions restrictions of some east-bound take-offs, but that seems to be more a cosmetic than corrective restriction. A better solution of the residents' problems would require that all arrivals and departures take place in the "Westerly operation" mode. Yes, that would reduce the number of flight that could be handled in any given period. Yes, that would make the airlines unhappy. Yes, that would recognize that the grandfather protections at LAX cover propeller planes for a much smaller runway footprint. Yes, the residents of the area are increasingly resentful of growing demands on their mental and physical health in order to maximize profits for airlines beancounters who ignore the human costs.

I am enclosing a (reconstituted) e-mail sent o/a end Sept/early October, 2012 to all CA elected officials, Washington to local. Be aware that the reign of the airlines' beancounters is coming to an end. The limited grandfathering of currently-oversized LAX is done with the mistaken belief that nearby residents have no rights, legal or elective. This should not become a test case.

It would be in the best interests of LAWA, residents and businesses in contiguous area, and even airlines' own service levels to return to human-tolerance levels of aircraft size, noise, and pollution. I remind you that the scheduled meeting of November 1,'12 for residents was large and angry. I earnestly suggest that you call these items to the attention of LAWA executives while there's still time to avoid a major confrontation.

By copy, I am reminding all elected officials that this problem is major and needs their vigorous individual and collective support on behalf of residents, taxpayers, and voters.

Richard Cavalier, Inglewood

#### \*\*\*\*\* PRIOR:

Honorable Elected Official(s): [transmissions to multiple elected officials & press]

This is an augmentation of my two-minute recorded comment at a public hearing on the Specific Plan Amendment Study (SPAS; at Proud Bird, Westwood; 8/25/12). The problem requires firm support from various politicians who represent residents of areas immediately surrounding LAX; otherwise, residents of contiguous areas are voiceless.

#### Key problem, simplified:

No one is in charge! The mayor of the central eity controls construction at the airport but events affect very few of his own voters; a past congress has effectively assigned control over air traffic to the federal government and has effectively ceded control to the airlines' bean-counters; tethered to airlines, LAWA cannot provide neutral counsel. Meanwhile non-central-city residents have no assigned voice in the decibel derby. . . unless through non-L.A. elected officials. That's neither democratic nor tolerable.

Issues addressed at the hearing:

#### **Re: Construction:**

Re: Modernization--yes: some aspects of LAX are uncomfortable; and improvements are a service to all travelers. Current passenger surveys list LAX as being among the nation's most uncomfortable airports. Re: Relocation of Runway 6L/24R to the north--NO! SPAS Alternative #2 (modernization plus extended

runway aprons to reduce turn-around time; no extension or northward movement of key runway) seems to serve both improvement purposes adequately, without making significant new encroachments on the affected public. Northward movement of that runway (besides extending abuses) will require additional residential

The City responds as follows:

The City thanks Mr. Richard Cavalier, a resident in the City of Inglewood, for his comments.

soundproofing. . .while more than 3,000 residential units still require initial service, after years of slow delivery. It's important to recognize that any airport expansion is a response to the demands of airlines' accountants,

who have determined that larger planes and expanded airports are the answer to their financial problems. However, despite my travels in more than forty countries, I have never met a traveler who insisted on

flying in larger cattle-cars with earlier advance check-ins, slower loading, more-frantic unloading, and slower baggage claim. The public has already ceased to enjoy the transport element of travel. Air travel today is punitive. Special lounges for frequent travelers proves the point.

If larger planes permit lower fares, then people who buy 'low fares' rather than 'premium service' should not expect--and certainly not demand--to land at the airport nearest the metro center. People who choose to stay at a B&B rather than in a major hotel do not expect the B&B to be across the street from a downtown hotel.

The finest of the smaller jet planes (the French Caravelle, under 80 seats) was quick loading/unloading, quiet, smooth, and a joy to fly. The bean-counters decided that it was uneconomical. Under regulated fares, it was. Now, with deregulated fares, the Caravelle and British BAC (and their out-boarded rear-engine concept) can be returned to service with newer engines and premium fares for those who still value their travel sanity. Didn't someone mention that the turbo-prop might be returning? Smaller is better!

Ultimately, the drive to bigger planes (520-seat size is already in design phase) will require still other rounds of expansion--no upper limit has yet been established. The contiguous population should not be held hostage to bean-counter schemes.

It's time to call enough "Enough!" on behalf of both the abused contiguous residents and the manhandled passengers. Move all mass-cargo carriers to distant locations and then connect them to city-centers at airline expense. If the airlines want longer runways and planes, let them find private financing for distant locations and light rail connectors. Then the problem-causers will be the solution-payers. That's fair. Politically-supported voter-abuse is not.

#### **Overall problem:**

Although the City of Los Angeles controls construction at LAX, an earlier US Congress has already coopted local control of air traffic. Curiosity: The Mayor of Los Angeles favors the runway move northward; however the number of L.A. city-voters who live in immediate proximity to LAX are a distinct minority--he can with impunity favor the bean-counters and expansion-forever. Rich voices should not be the determiners.

Just as with banking limits (Glass-Steagall was eliminated to please laissez-faire business people; or TARP bailouts ignored limits on banks' usage), that earlier Congressional action re: skies has effectively removed intelligent limits. Unleashing the airlines' bean-counters has saddled the nearby populations with the negatives. Glass-Steagall has already demonstrated the folly of ideology-driven legislation: it can have severe unintended consequences. Larger planes can guarantee only larger disasters when they happen.

Keep in mind that the wonderful folks surrounding the vacated Marines' El Toro airport in Orange County want to take control of John Wayne airport away from LAWA. Reduced hours there would help to keep the noise in Los Angeles ! JWA neighbors oppose any new north runway, and the City of Newport Beach was granted a veto over expansion to the south. Granted by whom? Where's the corresponding veto power at LAX?

Essential: Given the legislative mess with the LAX situation; its surrounding smaller cities and an unincorporated area; and the confronted public, it's necessary for the various elected politicians speak for the essentially voiceless populations of non-L.A.-city-proper residents who surround LAX.

This writer will gladly help to create a collateral awareness in the general populations surrounding LAX. Exactly how should the affected public respond so as to encourage your individual offices to take a direct part in ending the LAX (and other airport) encroachment on the quality of public lives in order to feed private interests and fortunes? An action response, please.

#### **Re: Ignored health problems:**

Currently, the airlines stack the incoming planes over metropolitan Los Angeles and land them at low and noisy levels. Thatdelivers all health-abusive results to the public: the distressing noise; pulmonary problems from, and smell of, spewed fuel fumes; as well as constant distractions for students and public--all for the convenience of the airlines. Other speakers reported increased rates of cancer and respiratory problems near LAX.

Given poor or non-existent sanitizing of seats an tables, according to Dr Joseph Maroon, there are many types of bacteria cultured, including fecal. Also, the dry air of the cabin contributes to pulmonary problems when coughs can drift two seats front and back--in most planes, that's six-to-nine or more passengers exposed.

The FAA permits over-ocean arrivals at night. If eastward-landings will work at night, they will work 100% of the time. The matter of take-off and landing into the wind has been the stated need since the days of

propeller planes (grandfathered); however, jets move at more than triple the speed of propeller planes and create their own lift. Wind doesn't blow that fast, even in hurricanes. Wind drift has the same pressure at given times when approaching from either east or west.

Yes, noise and fumes from the ocean will drift eastward, but they'll be much diluted and scattered. Arrivals from, and take-offs to, the west should be made permanent for all flights. That conflicts with the current practice of landing from the east and take-off to the west; however that arrangement saturates traffic on behalf of the airlines while punishing the surrounding populations. The Congress is tasked with regulating commerce, not pampering it!

Yes, noise carries farther over water, but share the wealth. Then waterfront towns might also be less willing to tolerate expanded service at LAX, even though their executives use it more often than do the less-comfortable contiguous groups.

Airports are a regional problem. It's time for the FAA, LAWA, and SoCal's elected officials to deal effectively with the regional issues. LAWA is remiss in considering significant changes at LAX for airlines while not seriously considering the physical and emotional health risks and damages in the local populations.

#### Re: Jobs:

Because no one is arguing for closing LAX, most of the sad commentaries re: job loss were irrelevantpossibly reflecting scare tactics by their unions, which foresee larger memberships there, if expanded? Two important items:

 Several attendant-level workers stated their "right" to have jobs. No one has a "right" to a job that causes distress for someone else. Foreign-born persons often have curious ideas about their "rights" upon arrival.

2) Those who spoke as union members (and who will get work under the modernization contracts) had all neglected to mention that those jobs will be temporary, although the negatives will have permanent impact on the surrounding communities and their residents.

#### Re: the Grandfather Clause:

Abuse has long been heaped on objectors in communities that surround LAX because residents have been beat down with the boogeyman of a Grandfathered Airport. That's true of a small landing area for propeller planes. Jets have no "Grandfather" protections at LAX. They have been shoe-horned into a docile public's life, space, and consciousness by an ill-advised Act of Congress. It's fair to challenge both the airlines' policy of "bigger is better" and also to challenge Congress' wisdom in disposing of public health and safety concerns in broad strokes.

Therefore, it's time to challenge the airline industry's guiding policy of "bigger-is-better." Put new limits on aircraft size at LAX: try "smaller is better."

Apparently, an earlier Congress had agreed with the airlines that that bigger is better. . . and had favored the dictates of an industry whose demands have become oppressive. The public is reaching the upper limits of tolerability. Both the crowded travelers and the distressed contiguous communities feel--rightly and nationally--that they have been abandoned by their legislative leaders of the past and possibly the present.

#### Re: Reception of digital broadcast TV:

Although implementation of digital transmission was required by Pres Bush-43, the digital system is infinitely worse for reception (rapidly repeated blackouts of sound and picture) than was analog broadcast (jiggled picture, acceptable sound, even if static). Cable is an easy answer to reception, but cable companies are not responsible for poor broadcast reception; the FCC and broadcasters are. Why was the current broadcast system installed without provision for necessary upgrades? The defaulting party(s) should pay for broadcast-only cable at no or low expense to the currently-dispossessed recipients of broadcast.

Residents' TV complaints have evidently been directed to LAX offices, rather than to elected representatives. There it's been ascribed to tower radio contact--but the control tower doesn't move, although the interruptions are variable. The problem then appears to be reflection from the skin of aircraft, which reflects differently depending on aircraft approach positions vs wind drift.

FCC has countered that (X-number) of stations are still available in the area. Quantity-overquality suggests that bubble gum for the eyes is adequate, even if interrupted. Lack of quality programming is still a major failing of the FCC requirements for broadcasters.

One local chief of staff for an elected representative is not personally receptive to the TV complaints. The matter is not her personal decision. This complaint is itself tangential, in contrast to the health and quality of life complaints related to the FAA, as above. It requires separate handling with FCC. It will be addressed accordingly.

#### Wrap up:

#### Gordian knot: The removal of all airline departures and arrivals at LAX to an over-ocean location will mitigate or eliminate all of the noted complaints above. On that basis alone, these complaints and this solution should be considered.

The time seems appropriate now to consider the human element at LAX or such continued aggravation will jog travelers and the airport-local residents into beginning a travel revolt that can include the entire nation. We need attention now from elected officials; all must listen and act in concert on behalf of the airport-local populations in order to create an equitable interim solution for the LAX area. . until the Congress can devise an intelligent and workable system for the nation.

Given the legislative quandary and inequitable veto powers and voices, what actions can your office take, under what oircumstances, to help to implement the needed people-protection elements, as implied in the notes above? Exactly how can we locals gain your help? Will you join other elected officials in a concerted effort to create a SANE SITUATION AT LAX?

Richard Cavalier http://www.meetingsCavalier.com/

310/671-7262

\*\*\*\*

 From:
 Shelley Tucker

 To:
 NOISE MANAGEMENT - LAXPARTI61

 Subject:
 Easterly departures from 12:00-6:00 a.m.

 Date:
 Thursday, November 15, 2012 12:55:16 PM

Gentlemen:

As a resident of El Segundo, I am curious to know how you plan to implement the above proposal of fewer easterly flights which will not increase the noise from additional westerly flights between the hours mentioned. We residents of El Segundo have enough aircraft noise to deal with, especially from so many freight flights taking off and landing in the evening hours. You cannot accommodate the residents in one area at the expense of residents in another. That solves nothing. Please re-think this proposal and come up with a more intelligent solution that will work for all residents within close proximity to LAX whether to the east, west, north or south.

Thank you, Shelley Tucker 5-1

The City responds as follows:

The City thanks Ms. Shelly Tucker, a resident in the City of El Segundo, for her comments.

5-1. The LAX proposed restriction will not add any additional flights at LAX between the hours of midnight and 6:30 a.m. The regulation will only require that departures during these hours conform to the air traffic flow at the time of the operation. The LAX/Community Noise Roundtable, of which the City of El Segundo is a member, requested LAWA seek the proposed restriction by this Part 161 process. The restriction, if approved by the FAA, will not shift noise from the communities to the east of LAX to the residents of El Segundo.

From: rob.1 To: NOIS Subject: lax e Date: Tues

rob. trent NOISE MANAGEMENT - LAXPARTI61 lax east departure Tuesday, December 04, 2012 9:41:27 AM

this is unacceptable. our entire household and half the neighborhood was terrified and shaken. consider me a supporter of the cause to get these east departures prohibited.

"A United Airlines Boeing 747-400 plane leaving Los Angeles International Airport bound for Australia flew over Manhattan Beach along Rosecrans Avenue and out over the ocean at an altitude of 1,450 feet Monday night around 10:38 p.m., according to an online flight tracking system."

sincerely

Rob Trent 35th St. Manhattan Beach, CA 6-1

The City responds as follows:

The City thanks Rob Trent, a resident in the City of Manhattan Beach, for his comments.

6-1. While this departure operated in the same manner as the non-conforming operations that the LAX Part 161 restriction would restrict, this particular flight would have been allowed to operate as it did with or without the restriction in place because it departed prior to midnight and prior to the beginning of the proposed restriction period.