



STATE BOARD OF EQUALIZATION  
PROPERTY TAX DEPARTMENT  
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No. 2022/002

January 19, 2022

TO COUNTY ASSESSORS:

### VALUATION OF CERTIFICATED AIRCRAFT CALIFORNIA STANDARD FLIGHT TIMES

Revenue and Taxation Code<sup>1</sup> section 1153.5 provides that on or before March 1, 2020, and on or before each March 1 thereafter, the Aircraft Advisory Subcommittee of the California Assessors' Association (CAA) shall designate a lead County Assessor's office for each commercial air carrier operating certificated aircraft in California after soliciting input from commercial air carriers in the state (commercial air carriers will be notified of the designation on or before March 15).<sup>2</sup> Each commercial air carrier's property statement for its personal property and fixtures at all airport locations in California is filed with its designated lead County Assessor's office. The lead county calculates an unallocated value of the certificated aircraft and electronically transmits the values to each county where the commercial air carrier has situs.

Pursuant to section 1152, the allocation formula to be used by each County Assessor to value certificated aircraft is the proportionate amount of time, both in the air and on the ground, that certificated aircraft have spent in California during the 12-month period from January 1 through December 31 of the previous year immediately preceding the lien date (January 1), as compared to the total time during that 12-month period. Section 1152 provides the following definitions for the allocation formula:

- *Time in the air* consists of flight time and taxi time within California borders and must be based on the State Board of Equalization's (BOE's) "California Standard Flight Times" table in the most recently published Letter To Assessors (LTA) that addresses intrastate and interstate standard flight times. The standard flight times are multiplied by the number of departures to and from the airports listed in the LTA.
- *Ground time* is all time in California that is not flight time or taxi time. Time on the ground allocated to heavy maintenance that requires a certificated aircraft or scheduled air taxi to be removed from revenue service shall be excluded.

<sup>1</sup> All statutory references are to the Revenue and Taxation Code, unless otherwise provided.

<sup>2</sup> Every third year thereafter, the CAA subcommittee shall redesignate a lead County Assessor's office for each of these air carriers, unless an air carrier and its existing lead County Assessor's office concur to waive this redesignation.

- *Time allocable to each airport* is the amount of time a certificated aircraft or scheduled air taxi is on the ground at the airport, plus the airport's portion of incoming and outgoing flight time.

The attached "California Standard Flight Times" table (Table) provides the intrastate and interstate standard flight times to be used for the 2022-23 fiscal year. The flight times in the Table are to be used as the basis for the *time in the air* component of the allocation formula, which consists of flight time and taxi time within California borders. Please note that absence of a flight on the attached Table does not preclude the inclusion of that flight in the allocation formula. Commercial air carriers may notify the lead county designated to receive its property statement of any missing flights.

If you have any questions, please contact our County-Assessed Properties Division at 1-916-274-3350.

Sincerely,

/s/ David Yeung

David Yeung  
Deputy Director  
Property Tax Department

DY:dc  
Attachments

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**  
**January 1, 2022**  
**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Arcata-Eureka (ACV)	Portland	12
Bakersfield (BFL)	Albuquerque, NM	37
	Bismarck, ND	22
	Colorado Springs, CO	27
	Corpus Christi, TX	40
	Dallas/Fort Worth (DFW)	31
	Denver	21
	Durango, CO (DRO)	33
	Grand Junction, CO (GJT)	26
	Midland, TX (MAF)	40
	Montrose, CO (MTJ)	26
	Pensacola, FL (PNS)	38
	Phoenix	40
	Rapid City, SD	22
	Reno, NV	54
	Scottsbluff, NE	25
	Tucson, AZ	51
Blythe (BLH)	Yuma	12
Burbank (BUR)	Atlanta, GA	34
(Hollywood Burbank)	Dallas/Ft. Worth	40
	Denver	38
	Detroit	30
	Eugene, OR	79
	Honolulu, Oahu	10
	Jackson, MS	40
	Las Vegas	40
	Louisville	32
	New York	32
	Phoenix	38
	Pittsburgh	28
	Portland	79
	Provo, UT	29
	Salt Lake City	29
	Seattle	57
Concord (CCR)	Las Vegas	60

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Fresno (FAT)	Dallas/ Ft. Worth	21
	Denver	19
	Guadalajara, MX	43
	Las Vegas	41
	Phoenix	43
	Portland	59
	Reno, NV (RNO)	40
	Salt Lake City	16
	Seattle	57
Inyokern (IYK)	Paradise, NV	31
	Tonopah, NV	28
John Wayne (SNA) (Orange-Santa Ana)	Abilene, TX	26
	Albany, NY	34
	Albuquerque	36
	Amarillo, TX	36
	Aspen, CO	36
	Atlanta	27
	Austin (AUS)	26
	Bellingham, WA	67
	Birmingham, AL	30
	Boeing Field (BFI)	50
	Boise (BOI)	35
	Boston (BOS)	27
	Cabo San Lucas	18
	Cedar Rapids, IA	28
	Charlotte Douglas, NC	28
	Chattanooga, TN	36
	Chicago	31
	Chicago Rockford, IL	31
	Cleveland Hopkins, OH	34
	Colorado Springs, CO	36
	Columbus, GA	27
	Corpus Christi, TX	51
	Dallas, Love Field (DAL)	28
	Dallas/Fort Worth	28
	Denver	36
	Des Moines, IA	33
	Detroit (DTW)	28

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
John Wayne (SNA) (Orange-Santa Ana)	Dulles, VA	24
	El Paso, TX	26
	Eugene, OR (EUG)	98
	Everett, WA	51
	Fargo, ND	42
	Grand Junction, CO	36
	Grand Rapids, MI	26
	Greater Rochester, NY	34
	Hartford, CT	24
	Honolulu (HNL)	10
	Houston	26
	Indianapolis, IN	27
	Jackson, MS	28
	Kansas City (MKC)	29
	Kansas City Int (MCI)	29
	Killeen-Fort Hood, TX	26
	Las Vegas	42
	Louisville (SDF)	28
	Madison, WI	30
	Medford, OR (MFR)	105
	Memphis (MEM)	30
	Midland, TX	26
	Milwaukee, WI	32
	Minneapolis/St. Paul	26
	Missoula, MT (MSO)	35
	Nashville, TN	30
	New Windsor, NY	34
	New York	25
	Newark	27
	Norfolk, VA	24
	Oklahoma City, OK	36
	Omaha, NE	35
	Orlando, FL	28
Paine Field (PAE)	51	
Philadelphia (PHL)	27	
Phoenix	34	
Pittsburgh, PA	28	
Portland	88	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
John Wayne (SNA) (Orange-Santa Ana)	Provo, UT (PVU)	34
	Puerto Vallarta, MX	20
	Reno	63
	Rochester, MN	31
	Salt Lake City	34
	San Antonio (SAT)	27
	San Jose Del Cabo, MX	18
	Seattle	67
	Shreveport, LA	26
	Sioux Falls, SD	36
	South Bend, IN	36
	Spokane, WA (GEG)	39
	St. Louis (CPS)	29
	St. Louis Int (STL)	28
	Syracuse, NY	34
	Tampa, FL	28
	Tucson (TUS)	39
	Tulsa (TUL)	31
	Vancouver, CN	69
	White Plains, NY	29
Wichita Falls, TX	36	
Winnipeg, Canada	34	
Long Beach (LGB)	Albuquerque	31
	Anchorage, AK	55
	Boston	25
	Chicago	31
	Dallas	31
	Denver	34
	Des Moines	29
	Detroit, MI	33
	Fargo	38
	Ft. Lauderdale	25
	Honolulu, Oahu	10
	Indianapolis, IN	34
	Ketchikan, AK	55
	Las Vegas	42
	Louisville	31
	Memphis	27

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Long Beach (LGB)	New York	26
	Phoenix	37
	Portland	86
	Reno	57
	Rockford, IL	29
	Salt Lake City	28
	Seattle	65
	Washington D.C.	26
	Wilmington, OH	27
Los Angeles (LAX)	Acapulco, Mexico	25
	Albany, NY	34
	Albuquerque	41
	Alexandria, LA	36
	Amarillo, TX	36
	Amsterdam, NE	23
	Anchorage	55
	Arlington, VA	35
	Atlanta	34
	Atlantic City, NJ	35
	Auckland, NZ	10
	Austin, TX	26
	Baltimore	31
	Bangor, ME	34
	Barcelona, Spain	30
	Beijing, China	22
	Belize City, Belize	27
	Bellingham, WA	68
	Bentonville, AR	35
	Birmingham, AL	36
	Boeing Field, WA	68
	Bogota, CO	24
	Boise	40
	Boston	32
	Bozeman, MT	37
	Buenos Aires, Argentina	24
	Calgary/Alberta, CN	40
	Cancun, MX	25
	Cedar Rapids, IA	35

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Los Angeles (LAX)	Centennial, CO	37
	Charleston, SC	28
	Charlotte	48
	Cherry Point MCAS	29
	Chicago	36
	Cincinnati	34
	Cleveland	34
	Colorado Springs, CO	37
	Columbus	34
	Dallas/Ft. Worth	36
	Dayton, OH	33
	Denver	37
	Des Moines	33
	Detroit	33
	Dover AFB	27
	Eagle/Vail, CO	37
	Edmonton	41
	El Paso/Juarez	36
	Eugene, OR	89
	Everett, WA	68
	Fairbanks, AK	89
	Fargo, ND	37
	Fort Bliss (Biggs AFB)	36
	Fort Lauderdale, FL	32
	Fort Walton Beach, FL	28
	Frankfurt, Germany	30
	Glacier Park, MT	34
	Goose Bay, Canada	24
	Grand Island, NE	37
	Grand Junction, CO	37
	Grand Rapids, MI	33
	Great Falls, MT	32
	Guadalajara, MX	25
	Guanajuato, Mexico	24
	Guatemala	27
	Hartford	31
	Havana, Cuba	29
	Highfill, AR	35



**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**  
**January 1, 2022**  
**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Los Angeles (LAX)	Hilo, Hawaii	10
	Hong Kong	19
	Honolulu	10
	Houston	33
	Huatulco, Oaxaca, Mexico	24
	Huntsville, AL	34
	Idaho Falls, ID	37
	Incheon, Korea	27
	Indianapolis	34
	Istanbul, Turkey	30
	Jacksonville, FL	29
	Kahului, HI	10
	Kailua, HI	10
	Kalispell, MT	34
	Kansas City	35
	Ketchikan, AL	55
	Killeen, TX	33
	Kona, Hawaii	10
	La Paz, Mexico	17
	Ladyville, Belize	24
	Las Vegas	50
	Liberia, Costa Rica	25
	Lihue, Kauai	10
	Lima	22
	Little Rock	48
	London, UK	30
	Loreto, Baja California Sur, Mexico	25
	Louisville	31
	Madison, WI	36
	Manchester, England	30
	Manzanillo, Colima, Mexico	25
	Marana, AZ	43
	Mazatlán, Sinaloa, Mexico	25
	McAllen, TX	37
	Medford, OR	89
	Melbourne, FL	32
	Memphis	36
	Mesa, AZ	43

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Los Angeles (LAX)	Mexico City, MX	24
	Miami/Ft. Lauderdale	32
	Milwaukee	33
	Minneapolis	32
	Missoula, MT	35
	Mobile, AL	29
	Montego Bay, Jamaica	25
	Montrose, CO	37
	Moscow	30
	Nashville, TN	25
	New Orleans	33
	New York	34
	Newark	34
	Norfolk NAS	28
	Norfolk, VA	50
	Oklahoma City	35
	Omaha	35
	Orlando	29
	Osaka, Japan	15
	Panama City, Panama	25
	Paris, FR	30
	Pasco, WA	55
	Peoria, IL	36
	Philadelphia	35
	Phoenix	43
	Pittsburgh	33
	Portland	89
	Provo, UT	37
	Puerto Vallarta, Mexico	25
	Pyeongtaek, South Korea	27
	Raleigh/Durham, NC	48
	Rapid City, SD	37
	Redmond, OR	89
	Reno	64
Salt Lake City	37	
San Antonio	33	
San Jose del Cabo, MX	24	
San Jose, Costa Rica	25	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

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**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Los Angeles (LAX)	San Salvador, El Salvador	27
	Santiago, Chile	21
	Sao Paulo, Brazil	24
	Sarasota, FL	43
	Savannah, GA	34
	Seattle	68
	Shanghai, China	22
	Show Low, AZ	43
	Shreveport, LA	36
	Sigonella Air Base, Italy	27
	Sioux Falls, SD	37
	Spokane	43
	Springfield-Branson, MO	31
	St. Louis	35
	Sydney, AU	10
	Tahiti	10
	Tampa Bay, FL	29
	Tampa/St. Petersburg	32
	Tokyo, JP	10
	Topeka, KS	50
	Toronto, CN	35
	Tucson	40
	Tulsa	36
	Vancouver, CN	70
	Warwick, RI	31
	Washington, D.C.	35
	Wichita, KS	35
	Wilmington, OH	34
	Zihuantanejo, Guerrero, Mexico	24
	March Air Reserve Base (MARB)	Alexandria, LA
Anchorage, AK		70
Ballyhennessy, IE		36
Baltimore, MD		24
Eastover, SC		30
Honolulu, HI		14
Houston, TX		22
Kadena, JP		14
Kailua, HI	14	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
March Air Reserve Base (MARB)	Frankfurt, Germany	12
	Miami, FL	22
	Savannah, GA	22
	Tokyo, JP	14
Mojave (MHV)	Tonopah, NV	39
Monterey (MRY)	Denver	28
	Dallas/Fort Worth (DFW)	45
	Las Vegas	60
	Phoenix	65
	Portland	63
	Seattle	60
Oakland (OAK)	Baltimore	19
	Boise, ID	39
	Cabo San Lucas/Los Cabos	38
	Chicago	23
	Dallas/Ft. Worth	39
	Denver	25
	Guadalajara, MX	38
	Honolulu	10
	Houston	39
	Kahului, HI	10
	Kansas City	23
	Kona, HI	10
	Las Vegas	60
	Leon, MX	38
	Mexico City, MX	38
	New York	23
	Phoenix	74
	Portland	48
	Puerto Vallarta, MX	38
	Reno	34
Salt Lake City	25	
Seattle	44	
Spokane, WA (GEG)	44	
Ontario (ONT)	Atlanta	23
	Cherry Point MCAS	24
	Chicago	23

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Ontario (ONT)	Dallas/Ft. Worth	22
	Denver	23
	Dover AFB	22
	Guadalajara, MX	28
	Honolulu	10
	Houston, TX	22
	Kingman, AZ	32
	Las Vegas	36
	Louisville	25
	Phoenix	31
	Portland	80
	Salt Lake City	25
	Seattle	66
Palm Springs (PSP)	Calgary, AB, CN	22
	Chicago	20
	Dallas/Ft. Worth	18
	Denver	18
	Edmonton, AB, CN	21
	Houston	17
	Minneapolis	17
	New York	27
	Phoenix	30
	Portland	65
	Salt Lake City	19
	Seattle	60
	Vancouver, CN	62
Palmdale (WJF)	Las Vegas	43
	Phoenix	40
Point Mugu (NTD)	Anchorage	80
	Baltimore	33
	Cincinnati (CVG)	35
	Fort Worth, TX (AFW)	41
	Frankfurt-Hahn, Germany (HHN)	28
	Gulfport, MS (GPT)	37
	Houston, TX (IAH)	37
	Naval Station Norfolk Chambers	35
	Seattle	84
Redding (RDD)	Seattle	19

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

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**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Sacramento (SMF)	Atlanta	13
	Austin, TX (AUS)	22
	Baltimore	15
	Boise	19
	Boston Logan Intl (BOS)	12
	Cabo San Luca MX (SJD)	73
	Charlotte	13
	Chicago	12
	Dallas/Ft. Worth	24
	Denver	13
	Guadalajara, MX	38
	Honolulu	12
	Houston	21
	Kahului, HI	14
	Las Vegas	47
	Los Cabos	13
	Minneapolis	14
	Mexico City, MX	40
	New York	12
	Orlando, FL (MCO)	16
	Phoenix	47
	Portland	36
	Salt Lake City	13
	Seattle	36
	Spokane, WA (GEG)	40
	St. Louis, MO (STL)	13
Vancouver, BC (YVR)	37	
Washington, DC	10	
Sacramento Mather (MHR)	Bradley (BDL)	10
	Cincinnati (CVG)	11
	Columbia (CAE)	13
	Louisville	11
	Philadelphia	10
	Reno	13
	San Antonio (SAT)	28
	Sioux Falls (FSD)	11
Tampa (TPA)	16	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
San Diego (SAN)	Albuquerque	29
	Atlanta	21
	Austin	18
	Baltimore	28
	Bellingham	59
	Boise	50
	Boston	21
	Calgary, CN	38
	Cancun, MX (CUN)	10
	Cedar Rapids, IA (CID)	24
	Charlotte	19
	Chicago	23
	Cincinnati	19
	Cleveland	21
	Colorado Springs, CO (COS)	25
	Dallas	21
	Denver	29
	Detroit	21
	El Paso	24
	Eugene (EUG)	93
	Everett, WA (PAE)	59
	Fort Lauderdale	30
	Fort Worth, TX (AFW)	23
	Frankfurt, Germany	28
	Hayden-Yampa Valley (HDN)	33
	Honolulu	10
	Houston	16
	Indianapolis	22
	Kahului, HI	10
	Kansas City	22
	Kona, HI	10
	Las Vegas	44
	Lihue, HI	10
	London	28
Los Cabos	10	
Louisville (SDF)	20	
Maui, HI	10	
Memphis (MEM)	22	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
San Diego (SAN)	Miami	30
	Milwaukee	29
	Minneapolis	26
	Nashville	20
	New Orleans	19
	New York	19
	Newark	22
	Norfolk, VA (ORF)	21
	Omaha (OMA)	29
	Orlando	28
	Philadelphia	21
	Phoenix	29
	Pittsburgh (PIT)	20
	Portland	66
	Provo	40
	Puerto Vallarta, MX	10
	Raleigh-Durham, NC (RDU)	21
	Reno	68
	Salt Lake City	44
	San Antonio	18
	San Jose del Cabo, MX	10
	Seattle	70
	Spokane (GEG)	45
	St. Louis	22
	Steamboat Springs	39
	Tampa/St. Petersburg	19
	Tokyo, JP	10
	Toronto, CN	26
	Tucson	19
	Vancouver, CN	72
	Washington, D.C.	24
	Zurich	40
San Francisco (SFO)	Abu Dhabi, AE	47
	Albuquerque	45
	Amsterdam, NL	31
	Anchorage	10
	Aspen-Pitkin	38
	Atlanta	49



**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**  
**January 1, 2022**  
**INTERSTATE/INTERNATIONAL**

FROM	TO	STANDARD TIME IN MINUTES
San Francisco (SFO)	Auckland, NZ	10
	Austin	49
	Baltimore	29
	Bangalore, IN	50
	Beijing, China	10
	Berlin, Germany	31
	Boise	39
	Boston	26
	Bozeman	52
	Calgary, CN	46
	Cancun, MX	80
	Charlotte	38
	Chengdu, China	10
	Chicago	28
	Chongqing, China	10
	Cincinnati	30
	Cleveland	28
	Copenhagen, DK	31
	Dallas/Ft. Worth	49
	Delhi, IN	10
	Denver	34
	Detroit	20
	Dubai, AE	46
	Dublin, IE	31
	Dusseldorf, DE	31
	Edmonton, CN	45
	Eugene	56
	Fayetteville	36
	Fort Lauderdale	49
	Frankfurt, Germany	31
	Grand Forks	21
	Guadalajara, MX	68
	Guangzhou, China	10
	Hangzhou, China	10
	Hayden-Yampa Valley	38
	Helsinki, FI	31
	Hilo	10
	Hong Kong	10

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**  
**January 1, 2022**  
**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
San Francisco (SFO)	Honolulu	10
	Houston	49
	Indianapolis	33
	Istanbul, TR	40
	Jackson Hole	45
	Kahului, HI	10
	Kansas City	32
	Keflavik, IS	31
	Kona, HI	10
	Las Vegas	66
	Lihue, HI	10
	London	31
	Manchester, EN, GB	31
	Manila, PH	10
	Medford	55
	Memphis	36
	Mexico City, MX	68
	Miami	49
	Milwaukee	28
	Minneapolis/St. Paul	28
	Missoula	55
	Montreal, CN	50
	Montrose	34
	Munich, DE	31
	Nadi, FJ	10
	Nashville	37
	New Orleans	49
	New York	28
	Newark	28
	North Bend	60
	Oklahoma City	49
	Omaha	30
	Orlando	49
	Osaka-Kansai, JP	10
Panama City, Panama	68	
Paris, FR	31	
Pasco	49	
Philadelphia	28	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>	
San Francisco (SFO)	Phoenix	73	
	Pittsburgh	28	
	Portland	54	
		Puerto Vallarta, MX	68
		Qingdao, China	10
		Raleigh-Durham	38
		Redmond	50
		Reno	48
		Salt Lake City	32
		San Antonio	49
		San Jose del Cabo, MX	68
		San Salvador, SV	74
		Seattle	37
		Seoul-Incheon, KR	10
		Shanghai, China	10
		Singapore, SG	10
		Spokane	50
		St. Louis	33
		Sun Valley	45
		Sydney, AU	10
		Taipei, TW	10
		Tampa (TPA)	46
		Tel Aviv, IL	42
		Tokyo, JP (HND)	10
		Tokyo, JP (NRT)	10
		Toronto, ON, CN	50
		Tucson	73
		Vancouver, CN	50
		Victoria, CN	56
		Washington, D.C.	30
		Washington-Dulles	30
		Wuhan, China	10
		Xi'an, China	10
	Zurich	31	
San Jose (SJC) (Norman Y. Mineta)	Albuquerque (ABQ)	45	
	Amarillo, TX	31	
	Atlanta	31	
	Austin	38	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**  
**January 1, 2022**  
**INTERSTATE/INTERNATIONAL**

FROM	TO	STANDARD TIME IN MINUTES
San Jose (SJC) (Norman Y. Mineta)	Baltimore	27
	Beijing, China	10
	Bellingham, Washington	31
	Birmingham, Alabama	31
	Boeing Field, Seattle	31
	Boise	28
	Boston	24
	Cabo San Lucas, MX	29
	Charlotte	25
	Chicago	23
	Dallas	36
	Denver	25
	Detroit (DTT)	24
	El Paso (ELP)	65
	Eugene	64
	Everett, Washington	42
	Fort Lauderdale, Florida	35
	Frankfurt, Germany	36
	Grand Junction, Colorado	25
	Greenville-Spartanburg, South Carolina	25
	Green Bay, Wisconsin	24
	Guadalajara, MX	70
	Honolulu	10
	Houston	35
	Indianapolis, Indiana	22
	Kahului, HI	10
	Kona, HI	10
	Las Vegas	57
	Lihue, HI	10
	London	31
	Los Cabos, Mexico	29
	Mazatlán, Sinaloa, Mexico	68
	Memphis, TN	37
	Milwaukee, Wisconsin	23
Minneapolis	20	
Nashville (BNA)	26	
New Orleans (MSY)	35	
New York (JFK)	20	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
San Jose (SJC) (Norman Y. Mineta)	Newark	22
	Oklahoma City, Oklahoma	31
	Omaha, Nebraska	30
	Orlando (ORL)	31
	Phoenix	61
	Pittsburgh, Pennsylvania	20
	Portland	41
	Puerto Vallarta, Mexico	66
	Pullman / Moscow, Washington	68
	Redmond / Bend, Oregon	42
	Reno	38
	Rochester, NY	23
	Salt Lake City	24
	San Antonio, TX	35
	Seattle	42
	Shanghai, China	10
	Spokane (GEG)	53
	St. Louis (STL)	27
	Tokyo, JP	10
	Toronto (YYZ)	22
Tucson (TUS)	78	
Tulsa, Oklahoma	25	
Vancouver, CN	46	
San Luis Obispo (SBP)	Dallas / Fort Worth (DFW)	48
	Denver (DEN)	35
	Las Vegas (LAS)	58
	Phoenix	50
	Portland (PDX)	77
	Seattle (SEA)	73
Santa Barbara (SBA)	Chicago	34
	Dallas/Ft. Worth	40
	Denver	32
	Las Vegas	55
	Phoenix	41
	Portland	79
	Salt Lake City	39
	Seattle	77
Santa Maria (SMX)	Las Vegas	58

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTERSTATE/INTERNATIONAL**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Santa Rosa (STS) (Charles M. Schultz)	Dallas/Fort Worth (DFW)	29
	Denver (DEN)	24
	Las Vegas	54
	Minneapolis (MSP)	23
	Phoenix	86
	Portland	51
	Seattle	51
Stockton (SCK)	Las Vegas	60
	Phoenix	42
Travis AFB (SUU)	Anchorage	30
	Cold Bay	30
	Dover	21
	Honolulu	10
	Houston	36
	Tokyo, JP	13
	Las Vegas	47
	New York	18
	Shemya AFB	15
	Tacoma	36
	Tulsa	27
Victorville (VCV) SCLA	Austin	22
	Chicago	16
	Fayetteville (Pope AFB)	20
	Fort Benning (Columbus)	21
	Fort Bliss (El Paso)	23
	Fort Campbell (Hopkinsville)	15
	Houston	22
	New York (JFK)	20
	Phoenix	37
	Savannah	19
	Tacoma (McChord Field)	28
Visalia (VIS)	Las Vegas	45

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTRASTATE**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Arcata-Eureka (ACV)	Los Angeles	50
	Sacramento	24
	San Francisco	26
Bakersfield (BFL)	Bishop (BIH)	24
	Burbank	17
	Fresno	17
	Inyokern	19
	Imperial County (IPL)	31
	Lancaster (WJF)	19
	Los Angeles (LAX)	17
	Los Angeles (WJF)	18
	Mojave (MHV)	19
	Monterey (MRY)	26
	Oakland	30
	Ontario	21
	Oxnard	17
	Sacramento (SMF)	31
	San Francisco	27
	San Luis Obispo	17
	Santa Barbara	16
Santa Maria	17	
Tehachapi (TSP)	18	
Visalia	18	
Blythe (BLH)	El Centro	16
Burbank (BUR)	Oakland	28
	Sacramento	30
	San Francisco	28
	San Jose	26
Concord (CCR) (Buchanan Field)	Burbank	34
Crescent City (CEC)	Oakland	35
El Centro (IPL)	Los Angeles	27
	San Diego	21
Fresno (FAT)	Los Angeles	24
	San Diego	28
	San Francisco	21

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTRASTATE**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Inyokern (IYK)	Bakersfield	19
	Bishop	21
	Burbank	17
	Fresno	21
	Lancaster (WJF)	19
	Los Angeles (WJF)	18
	Mojave	12
	Ontario	19
	Visalia	16
	Jacqueline Cochran Regional Airport (TRM)	John Wayne (SNA)
John Wayne (SNA) (Orange-Santa Ana)	Bishop (BIH)	31
	Burbank	18
	Concord	38
	Fresno	26
	Long Beach	7
	Los Angeles	8
	Mammoth (MMH)	33
	Monterey (MRY)	33
	Oakland	39
	Ontario	8
	Palm Springs	18
	Sacramento	34
	San Bernardino	18
	San Diego	20
	San Francisco	32
	San Jose	30
	San Luis Obispo	27
Santa Barbara	22	
Santa Rosa	43	
Thermal (TRM)	17	
Long Beach (LGB)	Oakland	30
	Sacramento	40
	San Francisco	30
	San Jose	30
Los Angeles (LAX)	Bakersfield	17
	Carlsbad	20
	Fresno	24



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**January 1, 2022**

**INTRASTATE**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Los Angeles (LAX)	Lincoln	32
	Long Beach	5
	Merced	32
	Monterey	27
	Oakland	30
	Ontario	18
	Palm Springs	19
	Riverside	17
	Sacramento	32
	San Bernardino	20
	San Diego	17
	San Francisco	33
	San Jose	30
	San Luis Obispo	25
	Santa Ana	8
	Santa Barbara	16
	Santa Maria	27
	Santa Rosa	33
Victorville	17	
Visalia	26	
March Air Reserve Base (MARB)	Fairfield	32
Merced (MCE)	Los Angeles	32
	Sacramento	15
Modesto (MOD)	Merced	8
	Stockton	6
	San Francisco	14
Mojave (MHV)	Bishop (BIH)	25
	Burbank	18
	Inyokern	12
	Lancaster (WJF)	17
	Ontario	19
Monterey (MRY)	Los Angeles	30
	San Diego	37
	San Francisco	20
Oakland (OAK)	Burbank	28
	Long Beach	30

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**  
**January 1, 2022**  
**INTRASTATE**

FROM	TO	STANDARD TIME IN MINUTES
Oakland (OAK)	Los Angeles	30
	Ontario	36
	Palm Springs	35
	San Diego	35
	San Jose	10
	Santa Ana	35
	Travis AFB	15
Ontario (ONT)	Bakersfield	16
	Burbank	12
	Fresno	25
	Los Angeles	10
	Merced	33
	Oakland	36
	Sacramento	32
	San Francisco	32
	San Jose	27
Palm Springs (PSP)	Los Angeles	19
	San Francisco	37
Point Mugu (NDD)	Ontario	17
Redding (RDD)	Burbank	44
	Los Angeles	44
	San Francisco	22
Sacramento (SMF)	Burbank	30
	Covelo (O09)	22
	Lakeport (1O2)	19
	Long Beach	37
	Los Angeles	32
	McKinleyville (ACV)	25
	Monterey	21
	Oakland	18
	Ontario	33
	Palm Springs (PSP)	43
	San Diego	35
	San Francisco	16
	San Jose	17
	Santa Ana	38
Santa Barbara	30	

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTRASTATE**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Sacramento Mather (MHR)	Modesto Sham Field (MOD)	18
	Chico (CIC)	17
	Eureka Murray Field (EKA)	25
	Fresno	21
	Merced Regional (MCE)	17
	Montague-Yreka Rohrer Field (105)	27
	Redding	21
	San Bernardino (SBD)	38
	Stockton (SCK)	18
	Ukiah (UKI)	21
San Diego (SAN)	Fresno	28
	El Centro	21
	Long Beach	21
	Los Angeles	17
	Monterey	38
	Oakland	35
	Ontario	21
	Palm Springs	20
	Sacramento	35
	San Bernardino	21
	San Francisco	37
	San Jose	32
	Santa Rosa	48
	Stockton	43
San Francisco (SFO)	Arcata-Eureka	26
	Bakersfield	27
	Burbank	28
	Fresno	21
	Long Beach	30
	Los Angeles	33
	Monterey	15
	Ontario	32
	Palm Springs	37
	Redding	22
	Sacramento	16
	San Diego	37
	San Jose	14
	Santa Ana	30

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**

**January 1, 2022**

**INTRASTATE**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
San Francisco (SFO)	Santa Barbara	26
	Travis AFB	16
San Jose (SJC)	Burbank	26
	Fresno	21
	Long Beach	30
	Los Angeles	30
	Monterey	20
	Oakland	10
	Ontario	34
	Palm Springs	35
	Sacramento	17
	San Diego	32
	San Francisco	10
	San Luis Obispo	25
	Santa Ana	35
	Santa Barbara	26
Santa Rosa	12	
San Luis Obispo	Los Angeles	24
	San Diego	26
	San Francisco	27
Santa Barbara (SBA)	Oakland	33
	Los Angeles	16
	Sacramento	30
	San Francisco	26
Santa Maria (SMX)	Los Angeles	23
Santa Rosa (STS)	Los Angeles	38
	Orange-Santa Ana	40
	San Diego	44
	San Francisco	12
	Santa Barbara	35
Stockton (SCK)	Los Angeles	28
	San Diego	43
Tehachapi (TSP)	Bakersfield (BFL)	18
	Ontario	17
	Visalia	17

**CALIFORNIA STANDARD FLIGHT TIMES FOR JET ENGINE AIRCRAFT**  
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**INTRASTATE**

<b>FROM</b>	<b>TO</b>	<b>STANDARD TIME IN MINUTES</b>
Visalia (VIS)	San Francisco	22
	Los Angeles	26