Solano County

Agenda Submittal

Agenda #:	3	Status:	ALUC-Regular-NW
Туре:	ALUC-Document	Department:	Airport Land Use Commission
File #:	AC 23-020	Contact:	Nedzlene Ferrario, 784-6765
Agenda date:	05/11/2023	Final Action:	
Title:	ALUC-23-06 (Travis Reserv	ve Area Overlay Zone)	
		(AFB) Compatibility Z	Travis Reserve Area Overlay Zone), located ones A, B1, B2, C, and D, is consistent with ?) (County of Solano)
Governing body:	Airport Land Use Commiss	ion	
District:			
Attachments:			- <u>Travis Reserve Area Overlay Zone and</u> Overlay Zoning District Ordinance,
Date: Ver.	Action By:	Action:	Result:

RECOMMENDATION:

Determine that Application No. ALUC-23-06 (Travis Reserve Area Overlay Zone), located in Travis Air Force Base (AFB) Compatibility Zones A, B1, B2, C, and D, is consistent with the Travis AFB Land Use Compatibility Plan (LUCP)

DISCUSSION:

Summary

Section 21676 (d) of the State Aeronautics Act requires the Airport Land Use Commission (ALUC) to review of General Plan amendments and any zoning ordinance change within an Airport Influence Area. The County of Solano has referred an application to establish the Travis Reserve Area Overlay Zoning District for the unincorporated area surrounding the base to preserve an area around Travis AFB for future expansion and limiting incompatible uses until military or airport support facilities are proposed, consistent with General Plan policy.

The area is currently zoned for agricultural uses and the new overlay district will allow continued agriculture; however, development would be restricted to small scale agriculture, prohibit conservation or mitigation banks for avian species and new residential development.

The new overlay zone falls within Compatibility Zone A, B1, B2, C, and D, of the Travis Plan. The compatibility zones restrict densities or set standards for development that are hazardous to flight; and the new overlay will further restrict new development and prohibit avian attractants; therefore, it is consistent with the compatibility criteria.

File #: AC 23-020, Version: 1

Based on review (Attachment A), staff recommends the ALUC find that the proposed zone change comply with the requirements of these zones to protect flight, meet guidance criteria of the California Airport Land Use Planning Handbook, and consistent with the Travis AFB Land Use Compatibility Plan (LUCP).

Project Description

The proposed Travis Reserve Area Overlay Zoning District (Attachment C) preserves the area around the base for future expansion of Travis Air Force Base and support facilities for the base. If adopted, the new overlay zone proposes to restrict development in the underlying agricultural zone.

Allowed Land Uses and Permit Requirements in the proposed overlay are as follows:

- Crop production, grazing, and agricultural accessory structures less than 2,500 square feet in gross floor area and less than 25 feet in height are allowed.
- New residential land uses are not permitted. Legal nonconforming residential land uses are subject to Section 28.114.
- Conservation or mitigation banks for avian species, or which are likely to attract avian species, are not permitted.
- All other land uses otherwise allowed within the underlying zoning district shall require approval of a minor use permit prior to development, enlargement, or intensification of use, or changes of use, unless a use permit is required.

The Travis Reserve Area Overlay implements the General Plan policy and if approved, will protect Travis Air Force Base from non-compatible land uses.

AIRPORT PLANNING CONTEXT & ANALYSIS

According to the State Aeronautics Act section 21676, any zoning change must undergo review by the ALUC for consistency with the applicable LUCPs.

The proposed zoning change would apply to the areas shown in Exhibit A of Attachment C. The area falls within Compatibility Zones A, B1, B2, C, and D (Attachment B). In general, the proposed overlay restricts development, therefore, would not impact the structural heights of objects, hazards related to bird attraction, cause electrical inference, glare, and other flight hazards.

The California Department of Transportation (Caltrans) Division of Aeronautics has published the California Airport Land Use Planning Handbook (Caltrans Handbook) as a guide for ALUCs in preparing and implementing Land Use Compatibility Planning and Procedure Documents. Section 6.4.2 of the Caltrans Handbook establishes the guidance appropriate for reviewing zoning ordinances and building regulations. This section references Table 5A of the Caltrans Handbook which presents the consistency requirements for "Zoning or Other Policy Documents."

Staff evaluated the County's project using the Zone Compatibility criteria for Zones A, B1, B2, C and D of the Travis AFB LUCP, and the zoning consistency test criteria contained in the California Airport Land Use Planning Handbook. Staff analysis of the project based on this evaluation is summarized in Attachment A.

Analysis Finding

Based on review, staff finds that the proposed zoning overlay complies with the requirements of the zones to protect flight, meet guidance criteria of the California Airport Land Use Planning Handbook, and consistent with the Travis AFB Land Use Compatibility Plan (LUCP).

Based upon the consistency tests, staff recommends that the Commission find that the proposed zoning change is consistent with the policies and criteria of Travis AFB LUCP.

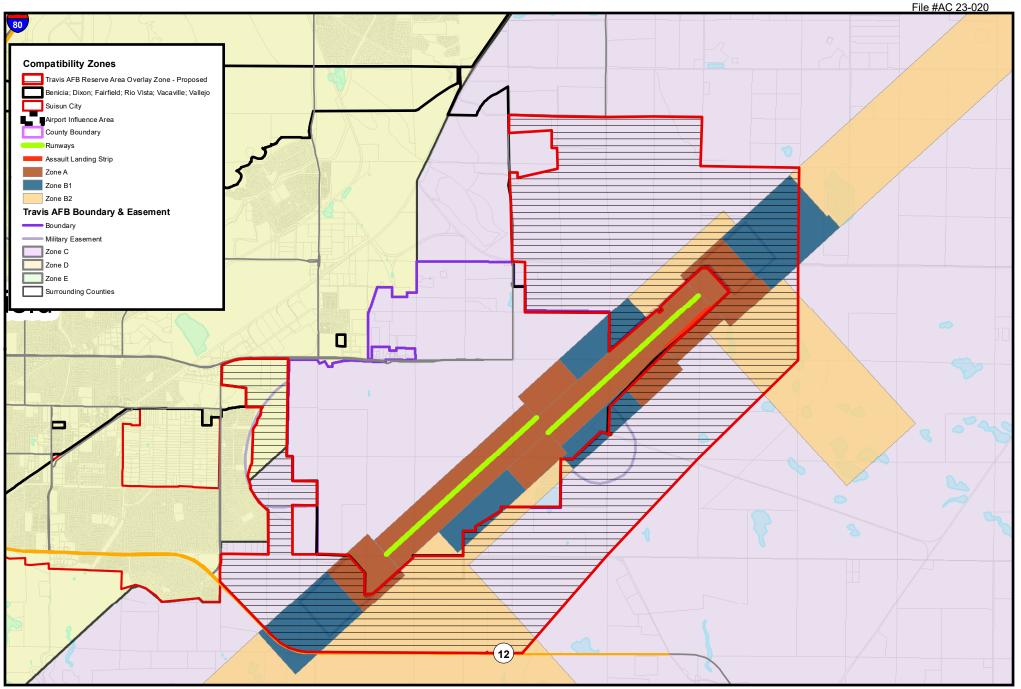
TRAVIS AFB LAND USE COMPATIBILITY ZONE CRITERIA			
Compatibility Zone Criteria	Consistent	Not Consistent	Comment
Zone A			
Max Densities – residential – 0 du/acre, Indoor uses – 0; Outdoor uses – 5 people/acre, Max people per acre – 5/acre	x		The proposed zone prohibits new residential development
Prohibited uses: all structures except aeronautical facilities with location set by US Dept of Defense Criteria, assemblages of people, above-ground bulk storage of hazardous materials, hazards to flight	x		No structures are proposed
Additional Zone A Criteria			
Avigation easement dedication; WHA required for projects that have the potential to attract wildlife hazards	x		Same as above
Zone B1			
Maximum residential density – 0; Indoor uses – 15 people/acre; Outdoor – 20 people/acre; Max people per single acre – 30 /acre	x		The proposed zone prohibits new residential development
Prohibited uses: children schools, day care centers, libraries, hospitals, nursing homes, hazards to flight, theaters, meeting halls any other assembly uses, office buildings . 3 stories, labor intensive uses, stadiums, group recreational use, hospitals, nursing homes	x		The proposed zone does not allow such uses
Within Bird Strike Hazard Zone WHA required for projects that have potential to attract wildlife	x		The proposed zone prohibits conservation or mitigation bank that attract avian species
Additional Zone B1 Criteria			
Locate structures maximum distance from extended runway centerline	x		The proposed zone does not impact the runway
Minimum NLR of 40 dB in buildings	x		The proposed zone does not impact noise
All new objects >35 feet AGL; Avigation easement required	x		The proposed zone does not propose structures
All proposed wind turbines must meet line-of- sight criteria in Policy 3.4.4	x		No wind turbines proposed
All new or expanded commercial-scale solar facilities must conduct an [Solar Glare Hazard Analysis Tool (SGHAT)] glint and glare study for ALUC review	x		No commercial solar proposed
Zone B2			
Maximum residential density - see Policy 4.2.1; Indoor – 25 people/acre, Outdoor – 40 people/acre, Max people/single acre - 60	x		The proposed zone prohibits new residential development.
Prohibited uses: children schools, day care centers, libraries, hospitals, nursing homes, highly noise-sensitive uses (e.g. outdoor theaters), above ground build storage of hazardous materials, hazards to flight	x		The proposed zone does not allow such uses

TRAVIS AFB LAND USE COMPATIBILITY ZONE CRITERIA				
Compatibility Zone Criteria	Consistent	Not Consistent	Comment	
Minimum NLR of 35 dB in residences (including mobile homes) and buildings with noise-sensitive uses; Avigation easement required	x		The proposed zone does not impact noise	
All proposed WTG must meet line-of-sight criteria in Policy 5.6.1(b)	x		No wind turbines proposed	
For areas within the Bird Strike Hazard Zone, reviewing agencies shall prepare a [wildlife hazard analysis (WHA)] for discretionary projects that have the potential to attract wildlife that could cause bird strikes. Based on the findings of the WHA, all reasonably feasible mitigation measures must be incorporated into the planned land use.	x		The proposed zone does not propose hazards to flight	
For areas outside of the Bird Strike Hazard Zone but within the Outer Perimeter, any new or expanded land use involving discretionary review that has the potential to attract the movement of wildlife that could cause bird strikes are required to prepare a WHA.	x		The proposed zone does not propose hazards to flight	
Zone C				
Maximum residential density – 11 du/ac Indoor uses – 75 people/acre Outdoor – 100 people/acre Max people in single acre – 300/acre	x		The proposed zone prohibits new residential development	
Prohibited uses: children schools, day care centers, libraries, hospitals, nursing homes, hazards to flight	x		The proposed zone does not allow such uses	
Minimum NLR of 20dB in residences and buildings, Deed Notice required	x		The proposed zone does not impact noise	
All new objects 100 feet AGL require ALUC review	x		No objects over 100 feet proposed	
All proposed wind turbines must meet line-of- sight criteria in Policy 3.4.4	x		No wind turbines proposed	
All new or expanded commercial-scale solar facilities must conduct an [Solar Glare Hazard Analysis Tool (SGHAT)] glint and glare study for ALUC review	x		No commercial solar proposed	
All new or expanded meteorological towers > 100 feet AGL, whether temporary or permanent, require ALUC review	x		No meteorological tower over 100 feet proposed	
For areas outside of the Bird Strike Hazard Zone but within the Outer Perimeter, any new or expanded land use involving discretionary review that has the potential to attract the movement of wildlife that could cause bird strikes are required to prepare a WHA.	x		The proposed zone does not propose hazards to flight	
No hazards to flight, including physical (e.g., tall objects), visual, and electronic forms of interference with the safety of aircraft operations, and land uses that may attract birds to increase in the area shall be permitted."	x		The proposed zone does not propose hazards to flight	

TRAVIS AFB LAND USE COMPATIBILITY ZONE CRITERIA			
Compatibility Zone Criteria	Consistent	Not Consistent	Comment
For areas within the Bird Strike Hazard Zone, reviewing agencies shall prepare a [wildlife hazard analysis (WHA)] for discretionary projects that have the potential to attract wildlife that could cause bird strikes. Based on the findings of the WHA, all reasonably feasible mitigation measures must be incorporated into the planned land use.			The proposed zone does not propose hazards to flight
Zone D			
Max Densities – No limits	x		The proposed zone does not increase densities
Prohibited uses: hazards to flight	x		The proposed zone does not propose hazards to flight
ALUC review required for objects > 200 feet AGL	x		No objects over 200 feet proposed
All proposed wind turbines must meet line-of- sight criteria in Policy 5.6.1(b)	x		No wind turbines proposed
All new or expanded commercial-scale solar facilities must conduct an SGHAT glint and glare study for ALUC review	x		No commercial solar proposed
All new or expanded meteorological towers > 200 feet AGL, whether temporary or permanent, require ALUC review	x		No towers proposed
For areas within the Bird Strike Hazard Zone, reviewing agencies shall prepare a WHA for projects that have the potential to attract wildlife that could cause bird strikes. Based on the findings of the WHA, all reasonably feasible mitigation measures must be incorporated into the planned land use.	x		The proposed zone does not propose hazards to flight
For areas outside of the Bird Strike Hazard Zone but within the Outer Perimeter, any new or expanded land use that has the potential to attract the movement of wildlife that could cause bird strikes are required to prepare a WHA.	x		The proposed zone does not propose hazards to flight

California Airport Land Use Planning Handbook Criteria

California Airport Land Use Planning Handbook Criteria	Consistent	Not Consistent	Comment	
Intensity Limitations on Nonresidential Uses	x		The proposed zone does not propose increased densities or intensities	
Identification of Prohibited Uses	X		The proposed zone prohibits new residential development and avian habitat	
Open Land Requirements	X		Not applicable	
Infill Development	X		Not applicable	
Height Limitations and Other Hazards to Flight	X		The proposed zone does not propose height or hazards to flight	
Buyer Awareness Measures	X		Not applicable	
Non-conforming Uses and Reconstruction	x		Not applicable	



Travis AFB Compatibility Zones & Airport Influence Area

NORTH [

0.85

Miles

ORDINANCE NO. 2023 – _____

AN ORDINANCE AMENDING CHAPTER 28 (ZONING REGULATIONS) OF THE SOLANO COUNTY CODE TO ADD THE TRAVIS RESERVE AREA OVERLAY ZONE (ZT-23-0X)

The Board of Supervisors of the County of Solano ordains as follows:

SECTION I

Findings and Purpose

- Travis Air Force Base is by far the largest employer in Solano County. Maintaining the future viability of this economic resource is of the utmost importance. Efforts to maintain Travis AFB's viability include preserving space for future expansion using the Travis Reserve Area designation on the General Plan land use diagram, as well as limiting incompatible uses adjoining Travis that may restrict the range of activities at the base and within the reserve area.
- On the General Plan's Land Use Diagram, the Travis Reserve Area Overlay is applied to an area around Travis Air Force Base that is designated Agriculture by the General Plan. The Travis Reserve Area Overlay modifies the underlying Agriculture land use designation.
- 3. As described in the General Plan, the purpose of the Travis Reserve Area Overlay is to protect the land within the overlay area for continued agriculture, grazing and associated habitat uses until a military or airport use is proposed. No new residential uses will be permitted to be developed within the overlay area. These restrictions provide for the future expansion of Travis Air Force Base and support facilities for the base. If the status of the base changes, the construction of nonmilitary airport and support uses may be permitted.
- 4. The Travis Reserve Area Overlay Zoning implements the General Plan's Travis Reserve Area land use overlay by identifying the specific properties included within that overlay area and establishing land use and development regulations for such properties.
- 5. In addition to establishing the Travis Reserve Area Zoning Overlay, the County will continue to coordinate with Solano LAFCO and the Cities of Suisun City and Fairfield to ensure continued interim use of the Travis Reserve Area for agriculture and grazing lands, and to reserve the area for future expansion of the air force base. If the status of the base changes, the construction of nonmilitary airport and support uses may be permitted.
- The potential environmental impacts of the establishment of the Travis Reserve Area Overlay Zoning were fully evaluated in the Environmental Impact Report prepared for the County's 2008 General Plan update and certified on August 5, 2008 (Resolution No. 2008-182). No further environmental review is required prior to the adoption of this ordinance.

SECTION II

Section 28.13 of the Solano County Code, relating to the designation and establishment of the County's zoning and overlays districts, is amended to add the following zoning overlay to the list of specialty and overlay districts:

TR Overlay TRAVIS RESERVE AREA OVERLAY

SECTION III

Section 28.11 of the Solano County Code is amended by amending Zoning Maps Nos. ______ to add the Travis Reserve Area Overlay to various properties shown on Exhibit B, as illustrated in Exhibit A attached to this ordinance and incorporated by reference.

SECTION IV

Section 28.65 is added to the Solano County Code to identify the land uses allowed within the Travis Reserve Area Overlay Zone, as follows:

28.65 TRAVIS RESERVE AREA OVERLAY (TRO) ZONE

A. Purpose

The Travis Reserve Area Overlay Zone implements the Travis Reserve Area Overlay, as described and shown in the General Plan, and protects land within the overlay for continued crop production and grazing uses as well as compatible non-avian habitat uses until a military or other airport use is proposed for the land. By protecting existing land uses while restricting new development, the overlay zone provides for the future expansion of Travis Air Force Base and support facilities for the base. No new residential uses are permitted within the overlay zone, and any development or expansion of non-residential uses is subject to discretionary review.

B. Allowed Land Uses and Permit Requirements

Crop production, grazing, and agricultural accessory structures less than 2,500 square feet in gross floor area and less than 25 feet in height are allowed.

New residential land uses are not permitted. Legal nonconforming residential land uses are subject to Section 28.114.

Conservation or mitigation banks for avian species, or which are likely to attract avian species, are not permitted.

All other land uses otherwise allowed within the underlying zoning district shall require approval of a minor use permit prior to development, enlargement, or intensification of use, or changes of use, unless a use permit is required.

SECTION V

Ordinance No. 2023-____ (ZT-23-0X) Page 3 of

This ordinance will be effective thirty (30) days after its adoption.

SECTION VI

If any provision of this ordinance or the application of it to any persons or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given effect without the invalid provision or application, and to this end the provisions of the ordinance are declared to be severable.

SECTION VII

A summary of this ordinance will be published once within fifteen (15) days after its adoption in the Fairfield Daily Republic, a newspaper of general circulation.

Passed and adopted by the Solano County Board of Supervisors at its regular meeting on by the following vote:

AYES:	Supervisors	
NOES:	Supervisors	
EXCUSED:	Supervisors	
		JOHN M. VASQUEZ, Chair Solano County Board of Supervisors

ATTEST: BILL EMLEN, Clerk Board of Supervisors

By:

Alicia Draves, Chief Deputy Clerk

ATTACHMENT C

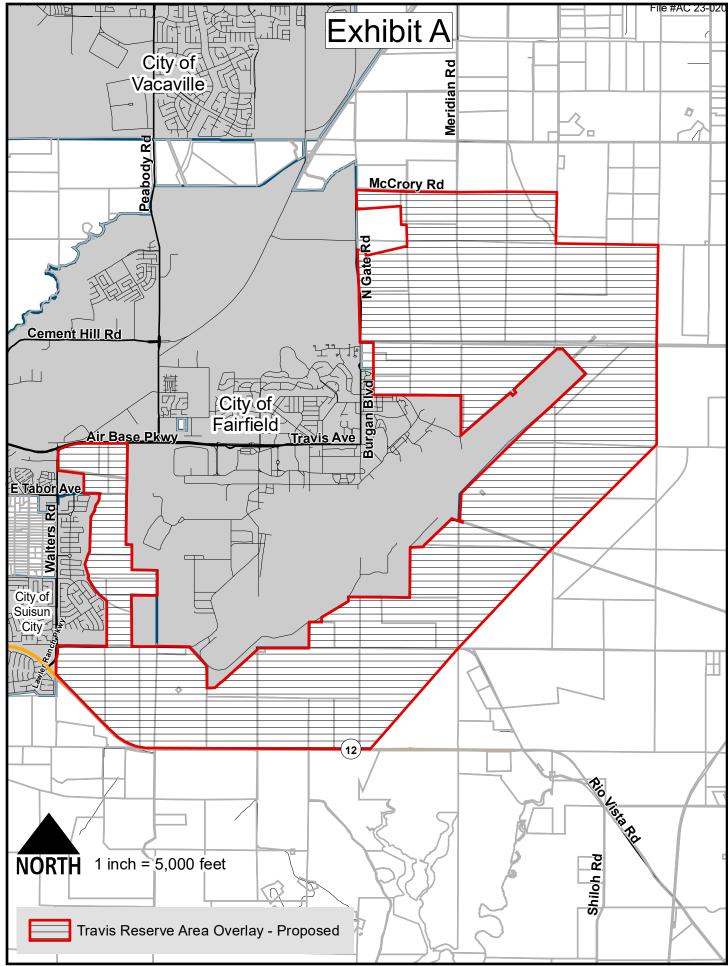


Exhibit B

Assessor's Parcel Numbers Affected by Travis Reserve Area Overlay

0040040470	0474400000
0042010170	0174130020
0042010190	0174130050
0042010240	0174130070
0042010250	0174130080
0042010280	0174130100
0042010360	0174130110
0042010370	0174130120
0042010380	0174140010
0042010400	0174140030
0042010410	0174150030
0042010500	0174150040
0042010540	0174150080
0042010550	0174150090
0042010590	0174150110
0042010600	0174150120
0042010620	0174160310
0042100010	0174160320
0042100030	0174160330
0042100320	0174160340
0166040060	0174160350
0166040070	0174190040
0166040080	0174190050
0166040090	0174190100
0166040100	0174190110
0166050030	0174190130
0166050040	0174190140
0166050060	0174190150
0166050070	0174190160
0166050100	0174190170
0166050110	0174200010
0174090090	0174200020
0174090110	0174200030
0174090130	0174200040
0174090140	0174200050
0174110030	0174200060
0174110050	0174210020
0174110060	0174210030
0174110070	0174210040
0174110110	0174210050
0174110120	0174210060
0174120080	0174210080
0174130010	
0174130010	

SOLANO COUNTY AIRPORT LAND USE COMMISSION RESOLUTION NO. 23-__

RESOLUTION REGARDING CONSISTENCY WITH AIRPORT LAND USE COMPATIBILITY PLANS (Travis Reserve Area Overlay Zone – County of Solano)

WHEREAS, pursuant to California Public Utilities Code section 21675 the Solano County Airport Land Use Commission ("**Commission**") has the responsibility to prepare and adopt airport land use plans for any public and military airports within Solano County and to amend any such adopted plan as necessary; and

WHEREAS, pursuant to such authority, the Commission has adopted airport land use compatibility plans for Travis Air Force Base, Rio Vista Municipal Airport, and the Nut Tree Airport, and the Solano County Airport Land Use Compatibility Review Procedures (the "Compatibility Plans"); and

WHEREAS, in enacting the sections within the State Aeronautics Act (the "**Act**") that provide for airport land use commissions, the California Legislature has declared that the purposes of the legislation include: (1) to provide for the orderly development of each public use airport in this state; (2) to provide for the orderly development of the area surrounding these airports so as to promote the overall goals and objectives of the California airport noise standards; (3) to provide for the orderly development of the area surrounding these airports so as to provide for the orderly development of the public health, safety, and welfare by ensuring the orderly expansion of airports; and (5) to protect the public health, safety, and welfare by the adoption of land use measures that minimize the public's exposure to excessive noise and safety hazards within areas around public airports to the extent that these areas are not already devoted to incompatible uses (Pub. Util. Code, § 21670, subd. (a)); and

WHEREAS, the Act provides that an airport land use commission's powers and duties include: (a) to assist local agencies in ensuring compatible land uses in the vicinity of all new airports and in the vicinity of existing airports to the extent that the land in the vicinity of those airports is not already devoted to incompatible uses; (b) to coordinate planning at the state, regional, and local levels so as to provide for the orderly development of air transportation, while at the same time protecting the public health, safety, and welfare; (c) to prepare and adopt an airport land use compatibility plan pursuant to Public Utilities Code section 21675; and (d) to review the plans, regulations, and other actions of local agencies and airport operators pursuant to Public Utilities Code section 21676 (Pub. Util. Code, § 21674); and

WHEREAS, the Act provides that the purpose of compatibility plans is to provide for the orderly growth of the airports and the area surrounding the airports, and to safeguard the general welfare of the inhabitants within the vicinity of the airport and the public in general (Pub. Util. Code, § 21675, subd. (a)); and

WHEREAS, Public Utilities Code section 21675, subdivision (a), authorizes the Commission, in formulating a compatibility plan, to develop height restrictions on buildings, specify the use of land, and determine building standards, including sound-proofing adjacent to airports; and

WHEREAS, Public Utilities Code section 21675, subdivision (b), directs the Commission to prepare a compatibility plan for areas surrounding military airports, and the Legislature's intent in enacting subdivision (b) was to protect the continued viability of military installations in California,

to protect the operations of military airports from encroachment by development, and to encourage land use policies that reflect the contributions military bases make to their communities, as well as their vital importance in the state's economy and in the defense of our nation; and

WHEREAS, pursuant to such authorities, the Compatibility Plans set forth criteria to be applied by the Commission when evaluating local land use plans and specific development proposals; and

WHEREAS, Public Utilities Code section 21676, subdivision (b), requires that prior to the amendment of a general plan or specific plan, or the adoption or approval of a zoning ordinance or building regulation within the planning boundary established by the Commission, local agencies within Solano County are required to first refer the proposed action to the Commission for a consistency determination; and

WHEREAS, the County of Solano ("**Local Agency**") is considering approving the following project (the "**Project**"), as set forth in greater detail in the Staff Report and its Attachments concerning "Item AC 23-020" of the Commission's May 11, 2023 Regular Meeting ("**Staff Report**"): "Determine that Application ALUC-23-06 (Travis Reserve Area Overlay Zone) located within Travis Air Force Base (AFB) Compatibility Zones A,B1, B2, C and D, is consistent with the Travis Air Force Base Airport Land Use Compatibility Plan," and

WHEREAS, the Commission has duly considered the Project, at a noticed public meeting, in order to ensure consistency of the Project with the Compatibility Plans.

RESOLVED, that after due consideration and based upon the administrative record, the Commission does adopt and incorporate by this reference as its findings and determinations the analysis, conclusions, and recommended findings of the Staff Report.

RESOLVED, that after due consideration and based upon the administrative record, the Commission does find and determine that the Project is consistent with the provisions of the Travis Air Force Base Land Use Compatibility Plan.

<i>III</i>	
<i>III</i>	

RESOLVED, that after adoption of this Resolution Staff is authorized to correct any clerical errors in this Resolution or the Staff Report.

I certify that the foregoing resolution was adopted at a regular meeting of the Solano County Airport Land Use Commission on May 11, 2023 by the following vote:

	AYES:	Commissioners	
	NOES:	Commissioners	
	ABSTAIN:	Commissioners	
	ABSENT:	Commissioners	
		B	1
			Ross Sagun, Chair
			Solano County Airport Land Use Commission
Attest:			
By:			
	rry Schmidtbau	er, Secretary to the	ne Commission