

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST01947LA

*This Certificate issued to* Perris Valley Airport, Inc.  
2091 Goetz Road, P.O. Box 1832  
Perris, CA 92570

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4b of the Civil Air Regulations.*

*Original Product Type Certificate Number:* A6WE

*Make:* McDonnell Douglas

*Model:* DC-9-21, Aircraft Serial Number 47361

*Description of Type Design Change:*

Modification of the Aircraft for conversion from passenger to a parachute jumping configuration in accordance with Master Drawing List, Report No. 4677-25-000, Revision "B", dated December 18 2006, or later FAA approved revision. FAA approved Airplane Flight Manual Supplement, Document No. 1001, Revision NC, dated December 21, 2006, or later FAA approved revision is required as part of this modification.

*Limitations and Conditions:* This approval is limited to only the modification made in McDonnell Douglas DC-9-21, Serial No. 47361. This STC does not permit manufacturing of parts for multiple modifications. You can not use descriptive data about this design change to duplicate other product.

Note: This modification has been determined to be a "no acoustical change" as defined in 14 CFR 21.93(b)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* September 05, 2006

*Date reissued:*

*Date of issuance:* December 21, 2006

*Date amended:*



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
Manager, Airframe Branch  
Los Angeles Aircraft Certification Office  
\_\_\_\_\_  
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number ST01947LA

*Limitations and Conditions (Continued)*

Model DC-9-21 (Transport Aircraft) Originally Approved November 25, 1968, and modified by STC No. ST01947LA.

Airspeed Limits (CAS)

V <sub>MO</sub>	(Normal Operating - S.L.)	240K
V <sub>MO</sub>	(Normal Operating - 15,000 ft)	240K
V <sub>A</sub>	(Maneuvering - S.L.)	226K
V <sub>A</sub>	(Maneuvering - 15,000 ft)	232K
	(See basic AFM for variation in V <sub>A</sub> speed vs. alt)	
V <sub>FE</sub>	(Flaps down 0° to 10°)	240K
	(Flaps down 10° to 20°)	240K
	(Flaps down 20° to 25°)	210K
	(Flaps down 25° to 50°)	180K
V <sub>LO</sub>	(Landing Gear operation)	
	(Gear retraction)	240K
	(Gear extension)	240K
V <sub>LE</sub>	(Landing gear extended)	240K
V	(Landing light extension)	240K
V	(Slat operation or extended)	
	(S.L. to 15,000 ft)	240K

Maximum Weights

Start of Take-off	97,985 lb
Landing	93,285 lb

Serial No. Eligible 47361

Maximum Operating Altitude 15,000 ft

---

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

---