



Department of Transport

# Supplemental Type Certificate

This approval is issued to:

DuganAir Technologies, Inc  
3829 Via Reposo  
Rancho Santa Fe, California  
United States of America 92067

**Number:** SA03-32

**Issue No.:** 2

**Approval Date:** April 09, 2003

**Issue Date:** October 29, 2003

**Responsible Office:**

Pacific

**Aircraft/Engine Type or Model:**

BOEING 727-200 SERIES, 727-116C, 727-171C, 727-172C

**Canadian Type Certificate or Equivalent:**

A-179, FAA TC A3WE

**Description of Type Design Change:**

Installation of a reinforced cockpit door in accordance with  
FAA STC ST01444LA

**Installation/Operating Data,**

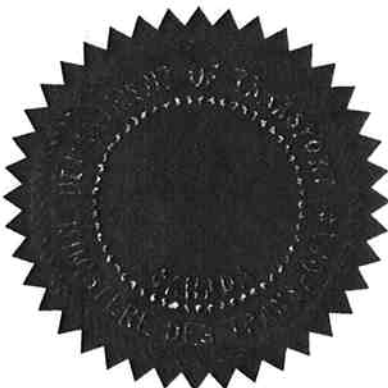
**Required Equipment and Limitations:**

Installation of a reinforced cockpit door in accordance with FAA approved DuganAir Technologies Inc. MDL QS-00003 Revision J, dated April 1, 2003, or later FAA approved revision (for 727-200 series airplanes) or MDL QS-00003 Revision L, dated July 21, 2003 or later FAA approved revision (for both 727-100 series and -200 series airplanes).

Equipment Functional Check Intervals as defined in FAA approved DuganAir Technologies Inc. Report QWC727103, Aircraft Maintenance Manual Supplement, Appendix A: Certification Maintenance Requirements, dated January 31, 2003, or any later FAA approved revision, shall not be extended. Later revisions to DuganAir Technologies Inc. Report QWC727103, Appendix A, may be used only if approved by the FAA, Transport Airplane Directorate, Los Angeles Aircraft Certification Office.

**Required Equipment:**

1. FAA approved DuganAir Technologies Inc. Report QWC727101, Aircraft Flight Manual Supplement, dated April 3, 2003\*, (for 727-200 series);
2. FAA approved DuganAir Technologies Inc. Report QWC727105, Aircraft Flight Manual Supplement, dated September 12, 2003\*, (for 727-100 series);
3. FAA approved DuganAir Technologies Inc. Report QWC727103, Aircraft Maintenance Manual Supplement, Appendix A: Certification Maintenance Requirements, dated January 31, 2003\*;



**Conditions:** This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

NATASA MUDRINIC  
For Minister of Transport