



Supplemental Type Certificate

This approval is issued to:

DuganAir Technologies
14702 SE 36th Street
Bellevue, WA
98006

Number: SA98-22

Issue No.: 1

Approval Date: February 17, 1998

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Responsible Office: Headquarters

Aircraft/Engine Type or Model: Boeing 727-100

Canadian Type Certificate or Equivalent: FAA TC A3WE

Description of Type Design Change: Modification of Boeing Model 727-100 series in accordance with FAA STC ST00488SE

**Installation/Operating Data,
Required Equipment and Limitations:**

Modification of Boeing Model 727-100 series in accordance with DuganAir Technologies, Inc., Master Drawing List DT-00001, Revision H, dated December 23, 1997, or later FAA approved revision. Modified aircraft complies with FAR Part 36, Stage 3 noise limits.

It has been determined that the Boeing model and engine combinations listed below comply with Stage 3 noise limits when they have incorporated DuganAir Technologies, Inc. Master Drawing List DT-00001.

Incorporation of Master Drawing List DT-00001 includes the incorporation of Supplemental Type Certificate (STC) SA93-193, STC SA93-193 permits the installation of winglets, associated changes in flap and aileron positions and rigging, and related changes to the navigation beacons.

Airplane/Engine Combinations

727-100 airplanes equipped with Pratt & Whitney JT8D-7, JT8D-7A, and JT8D-7B engines operated at the thrust level specified by the pertinent DuganAir Technologies, Inc. Airplane Flight Manual Supplement.



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.

F.R. Davies

For Minister of Transport