

Certificate of Approval

This is to certify that

KELOWNA FLIGHTCRAFT LTD.

whose place of business is located at

#1-5655 Airport Way, Kelowna, BC

Approved Organization

16-82

is approved pursuant to CAR 561 for the

MANUFACTURE and CERTIFICATION of:

Aeronautical Products

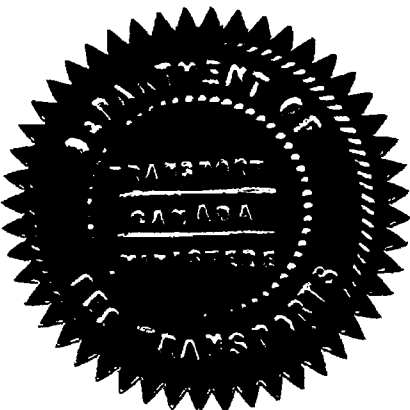
specified in the respective Approval Limitation Records
that accompany this certificate

Signed: 

B. Boechler
For the Minister of Transport

Dated: 2007-12-01

Supersedes certificate dated: 2003-10-22



This Certificate is not transferable. The approval is valid until surrendered, suspended or canceled.



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Approval Limitation Record

– Aeronautical Product –
– Sub Assemblies and Parts –

KELOWNA FLIGHTCRAFT LTD.

the holder of Certificate of Approval Number: **16-82**

is limited to the manufacture and certification of the following Aeronautical Products :

Product	Model / Part Number	Approval Number	Effective Date
52 passenger seat installation with cargo carrying capability for the Convair 340 / 440.	Parts for the installation in accordance with Spartan Aviation Inc. Drawing List No. 12171 dated December 6, 1971 as revised by Rev B dated January 7, 1972 and General Dynamics Corporation drawing 340-7300190 Revision A.	SA1407SW	2003-10-22
Accoustically treated jet exhaust pipes and mixers for Boeing 727-100.	Parts for the installation as detailed on Dugan Air Technologies Inc. Master Drawing List DT-00001 revision N dated August 3, 1998 or later FAA approved revision.	ST00488SE licensing agreement	2008-07-31
Acoustically treated jet exhaust pipes and mixers for the Boeing 727-200	Parts for the installation as detailed on DuganAir Technologies Inc. Master Drawing List DT-00012 revision E dated August 3, 1998 or later FAA approved revision.	ST00507SE licensing agreement	2008-07-31
Alternator installation on Airesearch Pneumatic Gas Turbine Engine Model No. GTC 85-90 on Convair 340, 440.	Parts for the installation as per Kelowna Flightcraft Ltd. Drawing List KF580-80101001, Revision G, dated 10 December 1998.	SA90-36	2003-10-22
Avionics, Flight Management System, Automatic Flight Control System, Electronic Flight Instrument System and Electrical Equipment on General Dynamics Convair 340 / 440.	Parts for the installation as per Kelowna Flightcraft Ltd. Master Drawing List (MDL) Document No. MDL-9200001, Revision C dated March 6, 1996 or later FAA approved revision.	SA8049NM	2003-10-22

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Product	Model / Part Number	Approval Number	Effective Date
Cargo Compartment Conversion for General Dynamics Corporation 340 / 440.	Parts for the installation as per Kelowna Flightcraft Ltd. Master Drawing List No. K20-00002, Revision NC, dated April 26, 1995 or later approved revisions.	ST00442NY	2003-10-22
Cargo Compartment Conversion on Convair 340 / 440, models incorporating turbine conversion per STC SA401100 (CV580).	Parts for the installation as per DOT approved Kelowna Flightcraft Ltd. Master drawing List No. K20-00002, Revision NC, approved April 26, 1995 or later DOT approved revision.	SA95-37	2003-10-22
Cargo Floor for General Dynamics, Convair 340, 440, 640 (340D), 640 (440D).	Parts for the installation as per General Dynamics, Convair FAA sealed Drawing List No. GDC-65-195 Addendum E and installation of cargo door and removal of forward service door in accordance with Items A and B of Lamson Aircraft Company FAA sealed Drawing list No. 3-102 dated May 26, 1966 or later sealed revision covered by STC SA443SW.	SA1218WE	2003-10-22
Cargo Handling System, Tracor Flight Systems Inc 340, 440 (stretch model CV580D).	Parts for the installation as per Kelowna Flightcraft Ltd. Master Drawing List No. KF580-25000003, Revision B dated October 10, 1995.	STC00850NY	2003-10-22

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Product	Model / Part Number	Approval Number	Effective Date
Collins Radio Company FD105 Flight Director System in Convair 340, 440 (modified by STC SA00-135 / FAA STC SA1096WE).	Parts for the installation as per the following General Dynamics Drawings; 3D9000008, Sheets 1 and 2, 3D9000016 Sheet 1, 3D9000012 sheet 1, 3D9000211 (E) Instrument Panel, 3D9000015 Sheet 1, 3D9000011, Sheets 1, 2 & 3, 3D9000018, Sheet 1, 3D9000014, Sheets 1 & 2, 3D9000010, Sheets 1, 2 & 3, 3D9000017, Sheet 1, 3D9000013, Sheets 1, 2 & 3, TPS R-600, TPS R-618.	SA00-120	2003-10-22
Collins Radio Company FD105 Flight Director System, for General Dynamics, Convair 340 / 440 modified per STC SA1096WE.	Parts for the installation as per General Dynamics Drawings: 3D000008 Sheets 1 & 2, 3D9000016 Sheet 1, 3D9000012 Sheet 1, 3D9000211 (E) Instrument Panel, 3D000015 Sheet 1, 3D9000011 Sheets 1, 2 & 3, 3D9000018 Sheet 1, 3D9000014, Sheets 1 & 2, 3D9000010, Sheets 1, 2 & 3, 3D9000017 Sheet 1, 3D9000013 Sheets 1, 2 & 3, TPS R-600, TPS R-618.	SA1366WE	2003-10-22
Conversion of General Dynamics (Convair) 340 / 440 to Model CV5800 in accordance with FAA STC SA 6088NM.	Parts for the installation as per master drawing list KF580-00000002 Revision No.43.	SA93-208	1994-03-23

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Product	Model / Part Number	Approval Number	Effective Date
Conversion of General Dynamics / Convair 340 / 440 into a model CV5800.	Parts for the installation in accordance with Model CV5800 FAA Sealed Master Drawing List KF580-00000002 Revision No.43, dated November 18, 1993 or later FAA approved revisions.	SA6088NM	2003-10-22
Executive interior for Part 91 operations for Convair 240.	Parts for the installation as per FAA sealed Convair Master Drawing List No GDC-AYC-69-001 dated 02-17-69.	SA1890WE	2003-10-22
Fruehauf Floor and Cargo Net for Tracor (Convair) 340.	Parts for the installation in accordance with Aero Consulting Services Modification Data Summary Number B94300, Revision B dated October 22, 2001.	ST00870NY	2003-10-22
Installation of 122 Aft Cargo Door for Convair 340 / 440.	Parts for the installation as per the Kelowna Flightcraft Ltd. Top Modification Drawing KF480-03M new issue dated November 16, 1988 or later approved revision.	SA 88-37	1991-12-03
Installation of Allison 501-D13D, 501-D13H or 501-D22G engines and related changes on Convair 340 / 440.	Parts for the installation as per FAA sealed Allison Convair Conversion Master Drawing List Report No APR-100. Revision Z-137 dated March 20, 1984 or later approved revision to this document is required for the 580 configuration with 501-D22G engines.	SA00-140	2003-10-22

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Product	Model / Part Number	Approval Number	Effective Date
Installation of Allison 501-D13D, 501-D13H or 501-D22G engines on General Dynamics Convair 340 / 440.	Parts for the installation as per FAA sealed Allison Convair Conversion master Drawing List Report No. APR-100. Revision Z-137 dated March 20, 1984 or later FAA approved revision to this document is required for the 580 configuration with 501-D22G engines.	SA4-1100	2003-10-22
Installation of Blind Encoder to number 2 transponder on Boeing B727-100 & B727-100C.	Parts for the installation as per Kelowna Flightcraft Ltd Master Drawing List K21-00002, REV B dated May 17, 1995 or later approved revision.	SA95-24	2003-10-22
Installation of Cargo Floor & Cargo Door & Removal of forward service door on Convair 340, 440, 640 (340D), 640 (440D).	Parts for the installation as per the General Dynamics, Convair FAA Sealed Drawing List No. GDC 65-195 Addendum E and Installation of cargo door and removal of the forward service door in accordance with Items A and B of Lamson Aircraft Company FAA sealed Drawing list No. 3-102 dated May 26, 1966 or later approved revision covered by STC SA443WE.	SA00-132	2003-10-22
Installation of Cargo Handling System on Convair 340 / 440 (Stretch Model CV5800).	Parts for the installation as per Kelowna Flightcraft Ltd. Master Drawing List No. KF580-25000003, Revision B dated October 27, 1995.	SA95-94	2003-10-22

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Product	Model / Part Number	Approval Number	Effective Date
Installation of Dangerous Goods Bin with optional Porta-Potty Receptacle on Boeing 727-100, 727-200.	Parts for the installation as per Kelowna Flightcraft Ltd Master Drawing No. K081-00002, Revision NC, dated May 10, 1999 (or later DOT approved revisions).	SA99-212	2003-10-22
Installation of Executive Interior on General Dynamics 240.	Parts for the installation as per FAA sealed Convair Master Drawing List No. GDC-AYC-69-001 dated 2-17-69.	SA00-134	2003-10-22
Installation of Main Cabin Floor Panels, Seat Tracks and Seat to accommodate fifty passengers on Convair 340 / 440.	Parts for the installation as per Aeronautical Engineers Inc Drawing List Report R-501 revised August 8, 1980 or installation of floor panels and seat tracks in accordance with Aeronautical Engineers Inc Drawing AE3762 Change E.	SA788SO	2003-10-22
Installation of Rolls Royce Model Dart 542-4 engines with Dowty Roto1 (c) R245 4-40-4.5 13 or (c) R259 4-40-4.5 17 propellers and associated modifications and equipment for General Dynamics (Convair) 340, 440.	Parts for the installation as per FAA Sealed General Dynamics, Convair Report GD/C-65-195.	SA1096WE	2003-10-22

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Product	Model / Part Number	Approval Number	Effective Date
Installation of Rolls-Royce Dart 542-4 engines with Dowty Rotol R2454-40-4.5 13 propellers and associated modifications to engine mounting, nacelle, empennage, accessories, systems and equipment on General Dynamics 240.	Parts for the installation as per FAA Sealed General Dynamics, Convair Report GD/C 65-141.	SA00-138	2003-10-22
Installation of Rolls-Royce Model Dart 542-4 Engines with Dowty Rotol Propellers on Convair 340, 440.	Parts for the installation as per FAA sealed General Dynamics, Convair Report GD/C-65-195.	SA-00135	2003-10-22
Installation of Rolls-Royce Model Dart 542-4 engines with Dowty Rotol R245/4-40-4.5 /13 propellers and associated modifications to engine mounting, nacelle, empennage, accessories, systems and equipment on General Dynamics (Convair) 240.	Parts for the installation as per FAA Sealed General Dynamics, Convair Report GD/C 65-141.	SA1054WE	2003-10-22
Installation of Seat Track & Additional Emergency Exit for General Dynamics, Convair 340, 440, 640 (340D), 640 (440D).	Parts for the installation as per FAA sealed General Dynamics, Convair Drawing 3D9000001 or later sealed revision.	SA1338WE	2003-10-22

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Product	Model / Part Number	Approval Number	Effective Date
Installation of Seat Track, Additional Emergency Exit & Interior Arrangement on Convair 340, 440, 640 (340D), 640 (440D).	Parts for the installation as per the FAA sealed General Dynamics, Convair Drawing 3D9000001 or later approved revision.	SA00-131	2003-10-22
Installation of Solid Plug in lieu of the type IV exit doors in all Convair Twin Engine aircraft, 340, 440 and turboprop conversions which are configured as freighters.	Parts for the installation as per General Dynamics Convair Division 640 (340D) Service Bulletin No. 52-5 dated June 14, 1991.	SA5459NM	2003-10-22
Installation of solid plug in lieu of the type IV exit doors on Convair 340 / 440.	Parts for the installation as per General Dynamics Convair Division 640 (340D) Service Bulletin No. 52-5, dated 14 June 1991.	SA00-119	2003-10-22
Installation of Trimble TNL 2000T GPS VFR stand alone unit on Convair C131E, C131F, CV340 and CV440.	Parts for the installation as per DOT approved Kelowna Flightcraft Ltd. Master Drawing List K15-34002 dated October 10, 1994 or later approved revision.	SA95-18	2003-10-22
Installation of two additional emergency exits, seat track installation, Burns seats, modified buffets and carry on luggage racks and an interior arrangement on Convair 340 / 440.	Parts for the installation as per FAA sealed Drawing List Index, Addendum B to GD/C-65-195.	SA00-133	2003-10-22

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Product	Model / Part Number	Approval Number	Effective Date
Interior Reconfiguration Boeing 757-200 series	Parts for the installation of smoke hood, oxygen bottle, med kit, megaphone as per approved drawings 3426B25709, 3426B257010, 3426B257012 or later approved revision under Engineering Order 3426.	SA05-51	2005-07-18
Modification of Sperry Model A-12 or Model SP-20 Autopilot installation for General Dynamics Convair 340 / 440 modified per STC SA1096WE.	Parts for the installation as per FAA sealed General Dynamics, Convair Engineering Change Notice to Drawing No. 3D0661329 Sheets 1 and 2.	SA1813WE	2003-10-22
Modification of the neutral settings of the inboard and outboard ailerons and aft flap segments on the Boeing 727 series.	Parts for the installation as detailed on Winglet Systems Inc. master Drawing List VA000009 Revision A dated June 9, 1998 or Later FAA approved revisions.	ST00384SE licensing agreement	2008-07-31
Modification of the Sperry Model A-12 or Model SP-20 Autopilot Installation on Convair 340, 440 (modified by STC SA00-135 / FAA STC SA1096WE).	Parts for the installation as per FAA Sealed General Dynamics, Convair Engineering Change Notice to Drawing No. 3D0661329 Sheets 1 and 2.	SA00-166	2003-10-22
Modifications in the aileron and flap systems on the Boeing 737-200.	Parts for the installation as detailed on Quiet Wing Technologies Inc. Master Drawing List QW-00001 revision H dated May 18, 2005 or later FAA approved revision.	ST01535SE licensing agreement	2008-07-31

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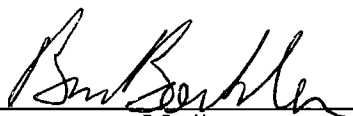
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is limited to the manufacture and certification of the following Aeronautical Products :

Product	Model / Part Number	Approval Number	Effective Date
Parts and Sub-assemblies for Convair 240 Aircraft.	Part numbers as shown on the drawings that define the type design of Convair 240 Aircraft as per the type certificate A219.	A-219	2003-10-22
Parts and Sub-assemblies for Convair 340 and 440 Aircraft.	Part numbers as shown on the drawings that define the type design of Convair 340 and 440 Aircraft as per the type certificate A-220.	A-220	2003-10-22
Propeller Feathering System Modification on General Dynamics (Convair) 340 / 440.	Parts for the installation as per Transport Canada approved Kelowna Flightcraft Ltd. Document No. K1861901 dated January 12, 1995 or later approved revision.	SA95-9	2003-10-22
Provide a 52 passenger seat aircraft with cargo carrying capability by installing an aft cargo door and reinforcing the floor and fuselage shell on Convair 340 / 440.	Parts for the installation as per Spartan Aviation Inc. Drawing List No. 12171 dated 6 December 1971 as revised by Revision B dated 7 January 1972 and General Dynamics Corporation Drawing 340-7300190, Revision A.	SA00-115	2003-10-22
Quiet Wing winglets, navigation beacons and associated flap and aileron position changes for Boeing 727-100 & 200.	Parts for the installation as detailed on VALSAN master Drawing List 000007 rev H or subsequent FAA approved revisions	SA5938NM licensing agreement	2008-07-31
RADS II-220 2100 U.S. Gallon Retardant Tank System modification for the Convair 340 and 440.	Parts for the installation as per latest revision of Drawings K088-57101 and K088-57301	SA00-58	2005-05-18

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is limited to the manufacture and certification of the following Aeronautical Products :

Product	Model / Part Number	Approval Number	Effective Date
Roll force reduction modification on Convair 340, 440 and CV580 turbo prop converted aircraft.	Parts for the installation as per Kelowna Flightcraft Ltd. Modification Data Summary K130-102-001-002, Rev A or later DOT approved revisions.	SA05-49	2005-05-18
SPZ-4500 Honeywell Automatic Flight Control System and Universal UNS-IK Flight Management System on Canadair CL-215-6B11 (CL-415 Variant).	Parts for the installation as per Kelowna Flightcraft Ltd. Master Drawing List K126-00002, Revision J, dated February 3, 2004 or later Transport Canada Approved revisions.	SA04-32	2004-03-31
Two additional emergency exits, seat track installation, burns seats, modified buffets & carry on luggage racks for General Dynamics, Convair 340, 440.	Parts for the installation as per FAA sealed Drawing List Index, Addendum B to GD/C-65-195.	SA119WE	2003-10-22

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