



**To** Air Industry List **Date** December 10, 2018

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**Subject** **List of Assigned Manufacturer's Codes (MMM)**

**Summary** This list supersedes the previous edition issued as Ref: 17-155/ABN-050. Software Manufacturer's codes (MMM) are defined by:

**ARINC Report 645:** *Common Terminology and Functions for Software Distribution and Loading.*

**ARINC Report 665:** *Loadable Software Standards.*

The following MMM Code assignments have been added:

Mfg Code	Organization
ALS	Air Italy S.p.A.
ABH	Airbus Helicopters
BNS	Board Aero Navigation Systems JSC
CSZ	Shenzhen Airlines
DFP	Delta Flight Products (IFE)
FOC	Airitaly
GIA	Garuda Indonesia Airlines
GEI	Gables Engineering Inc.
GOT	GOL Linhas Aereas Inteligentes S.A. (formerly LRN and VRG)
HAL	Hawaiian Airlines
HVA	Corendon Airlines
KNY	Kunming Airlines
LNI	Lion Air
LLG	Globus Airlines
RWD	RwandAir
RYR	RyanAir
CDG	Shandong Airlines
TYA	NordStar Airlines
VOZ	Virgin Australia

The following organizational name changes have occurred since last publication of this bulletin.

Mfg Code	Organization
GOT	VRG Linhas Aéreas LTDA (formerly LRN and VRG)
JET	APIJET (formerly iJet Onboard)

**Action** Software developers and users are invited to review this document and direct changes or additions using the email address [ia\\_webmaster@sae-itc.org](mailto:ia_webmaster@sae-itc.org). Please allow 90 days for your input to be included in the published list.

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# List of Manufacturer's Codes

## Introduction

This is the current list of assigned Manufacturer's Designator Codes.

## Background

The Manufacturer's Code (MMM) is an identification code assigned to each organization that develops aircraft software. The software Part Number (PN) system is intended for decades of use. Thus, the assignment of MMM codes conserves PNs within each MMM code block. Three upper-case alphanumeric characters comprise the code.

**ARINC Report 645: *Common Terminology and Functions for Software Distribution and Loading Software Standards***, Section 6.0, defines the use of MMM Codes. The most current assigned MMM code list is compiled into this industry letter. The list has been compiled by ARINC Industry Activities (IA) staff at the request of the Software Distribution and Loading Subcommittee, under the general oversight of the AEEC. Neither ARINC IA nor AEEC has the ability to direct or monitor manufacturers in their use of the MMM Code. This list is intended only to serve as a convenient point to assemble the MMM Codes of which the ARINC IA staff is aware.

### COMMENTARY

Prior to 2019, MMM codes are defined in **ARINC Report 665: *Loadable Software Standards***. Supplement 5 to ARINC Report 665 revised the standard and relocated the guidance for MMM codes to ARINC Report 645.

This list of MMM Codes includes software suppliers and airlines, recognizing that airlines may be suppliers of software programs. Database and content suppliers (Electronic Flight Bag (EFB), In-Flight Entertainment (IFE), etc.) are assigned a code for their own organization and software development. AEEC does not assign MMM codes to a content customer (airline or aircraft operator) for this purpose.

AEEC does not independently verify the accuracy or appropriateness of assigned codes or part numbers. Airframe manufacturers are expected to monitor the use of MMM Codes and work together to resolve any part number assignment problems that might arise.

### COMMENTARY

ARINC Report 645 (Section 6.1) specifies that MMM Codes consist of "three upper-case alphanumeric characters." This was meant to mean upper-case letters (A-Z) and/or numerals (0-9).

In assigning new MMM Codes, we take into account the desires of the applicant, airline ICAO designations, existing assignments, and the Boeing customer identifiers (which are three-letter IDs containing only upper-case alphabetic characters).

The use of numeric characters in the first digit of the codes was implemented to accommodate the increasing amount of customer-specific software content such as navigational databases, In-Flight Entertainment, and Electronic Flight Bag data. The importance of aircraft software control and configuration management requires this type of data be identified with a unique part number, including an MMM code.

The ARINC IA staff will continue to check new assignments against ICAO airline designators, other assignments to the same company, and with CCID assignments, but there is no guarantee that all of these constraints can be satisfied. The Manufacturer's Code for an airline may be different from their ICAO identification, which appears in parenthesis after the airline name.

ARINC IA staff expects to update the list from time to time but does not guarantee that it will do so. Revisions to the List of Manufacturer's Codes will be documented in revisions of this published list. You should be aware that, at any time, the revision appearing in a published list may not contain the most current or up to date information.

ARINC Industry Activities, as the Secretariat for the AEEC, serves as the source and administrator of these codes. Requests should be submitted to the AEEC Manufacturer's Code Administrator by web application at:

<https://www.aviation-ia.com/form/manufacturers-designator-code-request-form>.

Alternately, one can submit their request by email: [ia\\_webmaster@sae-itc.org](mailto:ia_webmaster@sae-itc.org).

## Disclaimer

This document identifies MMM codes solely to assist manufacturers in their selection of unique MMM codes. It is based on material submitted to the ARINC IA staff by various participants during the drafting process. Neither AEEC nor ARINC IA has made any determination whether these materials are accurate as published or whether they could be subject to valid claims of patent, copyright, trademark, or other proprietary rights by third parties, and no representation or warranty, express or implied, is made in this regard. Accordingly, users of this list are responsible for independently verifying the accuracy of the content of items contained herein, the current status of same and the status of any proprietary rights that may be claimed in same. Any use of or reliance on this document shall constitute an acceptance thereof "as is" and be subject to this disclaimer.

## Main Section of Bulletin

Two lists of the same information in different formats are provided. The List of Assigned Manufacturer's Codes lists all codes in alphabetical order.

Mfg Code	Organization
1AA	Petroff Air
1AC	Iraq Ministry of Defense
1AD	Eastern Australia Airlines
1AE	Bahrain Air
1AF	Tajik Air
1AG	Tiger Airways Australia
1AH	Aviation Training Center of Tunisia
1AI	BMIC Boeing Mobility Integration Center
1AJ	Colombian Air Force
1AK	Belleair
1AL	Flight Training Europe S.L.
1AM	Sikorsky Aerospace Maintenance
1AN	Jet Aviation Business Jets FZCO
1AO	CAE Inc.
1AP	Mexican Navy
1AQ	Global Jet FZCO
1AR	Iraq Air Force
1AS	Asian ATR Flight Training Center
1AT	Sabnavita
1AU	JSC PTC-UAB
1AV	Advanced Flight Systems
1AW	SAAB Aerosystems
1AX	Maswings SDN BHD

1AY	Sikorsky
1AZ	Branson
1BA	NASA Ames Research Center
1BB	Silverblatt
AAC	AAR Cargo
ABS	Alba Star
AAJ	Aramco Associated Company
AAL	American Airlines (AAL)
AAR	Asiana Airlines (AAR)
ABF	Airbus France
ABH	Airbus Helicopters
ABI	Airbus Deutschland
ABM	Airbus - Customer Services
ABT	Astronics Ballard Technology
ABW	AirBridgeCargo
AAO	Algerian Air Force
ACI	Air Caledonie International
ACM	ACM Air Charter GMBH
ACN	Air Canada (ACA )
ACT	AVIC Xi'an Aeronautics Computing Technique Research Inst.
ACZ	Astronautics Corporation of America
ADI	Aerodata, Inc.
ADR	Adria Airways
ADS	Airbus Defence and Space
ADX	Airbus Deutschland Buxtehude
AEA	Air Europa
AEK	AMETEK Aerospace Products
AEL	AEL Sistemas
AES	Astronics Advanced Electronic Systems
AGM	AOA Apparatebau Gauting gmbh
AHY	Azerbaijan Hava Yollari
AIC	Air India Charters Ltd.
AIF	Air Informatics LLC.
AIJ	ABC Aerolineas (InterJet)
AIN	Air India Ltd (AIC)
AIR	Airnet
AIT	Avionics Interface Technologies
AJL	AEJ Services LLC
AJT	Avjet Corporation
ALG	Air Algerie
ALS	Air Italy S.p.A.
ALX	Aerolux, Ltd.
AML	Air Malawi
AMT	Aircraft Management Technologies
AMX	AeroMexico Airlines
ANA	All Nippon Airways (ANA)
ANT	Air France (AFR)
ANZ	Air New Zealand Limited (ANZ)
AOG	AOA Apparatebau Gauting
AOS	AeroSat
APJ	Peach Aviation
ARO	AEROFLOT (AFL)
ASA	Alaska Airlines (ASA)
ATC	Air Tanzania Company Ltd.
ATQ	American TechS.A.T.
AUA	Austrian Airlines
AVA	Avianca
AVC	Avionica, Inc.
AVI	Avitech GmbH
AVN	Air Vanuatu
AWK	Airwork Flight Operations Ltd.
AYK	Air North
AZG	Silk Way West Airlines
AZL	Azul Linhas Aereas Brasileiras
BAB	British Airways (BAW)
BAG	Becker Avionics GmbH

BAS	Base2 Solutions
BAQ	Barco
BBC	Biman Bangladesh Airlines Ltd
BBD	Bombardier Inc.
BBG	Blue Bird Airways
BBJ	Boeing Business Jets
BCE	Boeing Commercial Avionics Systems
BCG	Boeing Commercial Airplanes
BDS	Boeing Defense, Space, and Security
BEA	B/E Aerospace
BFB	Boeing Flight Bag
BFW	Becker Flugfunkwerk GmbH
BFT	Boeing Flight Training
BJM	BAA Jet Management Ltd.
BLX	TUIfly Nordic AB
<b>BNS</b>	<b>Board Aero Navigation Systems JSC</b>
BOS	B & H Airlines
BPS	BAE Systems Platform Solutions
BRF	Bahrain Royal Flight
BSM	The Boeing Company - AMI/GBST Support
BSP	Boeing IDS - Tanker Program (Dormant, see code BDS)
BTM	Air Batumi
BTV	PT. Metro Batavia
BZO	Business Aero Ltd.
CAL	Continental Airlines (CAL)
CAS	Cassidian Airborne Solutions GmbH
CBB	Boeing Wideband Comm and RF Systems formerly ConneXion by Boeing
CBJ	Beijing Capital Airlines, Ltd.
CBL	Caribbean Airlines
CCA	Air China Limited EFB Program
CDB	Boeing Commercial – Cabin Data Base
CDE	Condor Engineering
CDG	<b>Shandong Airlines</b>
CEA	CETC Avionics Co., Ltd.
CEF	Czech Air Force
CEL	Celestial Airways
CES	China Eastern Airlines (CES)
CHY	Chilean Navy
CIN	Xtra Airways
CKK	China Cargo
CLX	Cargolux Airlines Intl
CMP	CMC Electronics
COL	Collins Air Transport Division
COP	Copa Airlines
CPA	Cathay Pacific Airways
CPH	Consolidated Press Holdings
CQH	Spring Airlines Co.
CQT	AirTran
CRZ	Crane Aerospace & Electronics
CSA	Czech Airlines
CSC	Cobham SATCOM
CSN	China Southern Airlines (CSN)
CSX	EADS-CASA
<b>CSZ</b>	<b>Shenzhen Airlines</b>
CUR	Curtiss Wright Controls
CWC	Curtiss Wright Controls Integrated Sensing
CXP	China Express Airlines
DAL	Delta Air Lines (DAL)
DAW	Dubai Air Wing
DAX	Diehl Avionik Systeme
DCM	Ducommun Technologies
DDD	Air China Limited
DEL	D.E.R International
DEM	Demo Systems
<b>DFP</b>	<b>Delta Flight Products (IFE)</b>
DKH	Juneyao Airlines

DLE	Diehl Luftfahrt Elektronik
DLT	Lufthansa (DLH)
DTA	TAAG Angola Airlines
DTI	Device Technologies, Inc.
EBE	Airbus Defence and Space (formerly EADS Defence Electronics)
EBS	Elbit Systems Ltd (new Code is ESL)
EBX	EADS Deutschland GmbH
ECE	Equipement et Construction Electrique
EFB	Astronautics C.A. LTD
ELY	EL-AL Israeli Airlines
EMG	EMS Technologies Canada Ltd
EPI	Europrop International
ESE	ESW - Extel System Wedel
ESL	Elbit Systems Ltd (former code was EBS)
ETH	Ethiopian Airlines (ETH)
ETI	Etihad Airways
ETN	Eaton Corporation
EVA	EVA Airways (EVA)
EVR	Evergreen International Airlines, Inc.
EZD	Zest Airlines
FAE	Fuerza Aerea Ecuatoriana (Ecuadorian Air Force)
FAF	DIRCAM/DIA
FCI	FiberCom
FDB	FlyDubai
FED	Federal Express (FDX)
FEN	Fenwal Safety System
FET	Far Eastern Air Transport
FIN	Finnair (FIN)
FJI	Fiji Airways
FLD	Rockwell Collins – Head up Display Group
FMB	Messir - Bugatti
<b>FOC</b>	<b>Airltaly</b>
FTI	FTI Technologies GmbH
FTT	Feitian United
FUA	Futura International Airways, S.A.
FVI	Flight Visions Incorporated
FVU	AD Aerospace Limited
GAA	GE AVIC Civil Avionics Systems (China JV)
GAC	Gulfstream Aircraft
GCA	Grand China Air
GCP	Goodrich Corporation, Cargo Systems
GEC	GE Transportation
GEE	Global Eagle Entertainment
<b>GEI</b>	<b>Gables Engineering Inc.</b>
GER	Germania Fluggesellschaft mbH
GFA	Gulf Air
GFE	G5 Executive AG
GGA	Senegal Airlines
GGO	Gogo, Inc.
GHC	Gulf Helicopter Company
GHY	German Sky Airlines
<b>GIA</b>	<b>Garuda Indonesia Airlines</b>
GMI	GEC Marconi Inflight Systems
GNT	Gentex Corporation
GOL	Golden Air Fly AB
<b>GOT</b>	<b>GOL Linhas Aereas Inteligentes S.A.</b> (also codes LRN and VRG)
GRH	Goodrich - Fuel & Utility Systems
GRL	Air Greenland
GRS	Honeywell - Engines, Systems & Services - Toronto
GSB	Bel Air LTD
GSY	Gena Systems
GYZ	KYRGYZ Airways Ltd.
<b>HAL</b>	<b>Hawaiian Airlines</b>
HAM	Hamilton Sundstrand
HAN	Hansung Airlines
HAX	Hughes-Avicom International
HIS	Hispano Suiza

HNA	Hainan Airlines
HNB	Honeywell - Phoenix
HNC	Honeywell - Minneapolis ATS Division
HNG	Honeywell Space Systems
HNI	Honeywell - Phoenix
HNM	Honeywell - Minneapolis ATD Division
HNP	Honeywell - Phoenix
HNR	Honeywell - Redmond
HNS	Honeywell - Minneapolis
HNY	Honeywell - Minneapolis
HOL	Holmberg GmbH & Co. KG
HUI	Supreme Commission of Hajj and Umrah of Iraq
<b>HVA</b>	<b>Corendon Airlines</b>
IBE	Iberia (IBE)
ICG	International Communications Group
ICV	Cargolux Italia S.p.A.
IDC	Interface Displays & Controls
IJC	International Jetclub Limited
ISR	Israir Airlines
ISS	Innovative Solutions and Support
ITE	Intertechnique
JAF	JetairFly
JAL	Japan Airlines (JAL)
JAT	JAT Airways
JEP	Jeppesen
JET	<b>APIJET (formerly iJet Onboard)</b>
JJA	Jeju Air Co. Ltd.
JON	Deere and Company Aviation
JPL	Jet Airways India, Ltd
JST	Jetstar Airways (JST)
JSV	JSC Premier Avia
KAC	Kuwait Airways
KAL	Korean Air (KAL)
KID	KID-Systeme GmbH
KLM	KLM Royal Dutch Airlines (KLM)
KLT	Kalitta Air LLC
<b>KNY</b>	<b>Kunming Airlines</b>
KOR	Korry Electronics
KQA	Kenya Airways (KQA)
KTI	Kidde Aerospace
KUB	Kuban Airlines
L3A	L-3 Communications Avionics Systems Engineering
LAN	Lan Airlines
LAT	Lateceore
LCH	Leach International Europe SA
LCV	L-3 Communications Display Systems
LDB	Boeing Commercial – Lighting Data Base
LDC	Societe Labinal
LFN	Lufthansa Systems FlightNav
LHL	Liebherr-Aerospace SAS
LHT	Lufthansa Technik AG
LIE	Liebherr-Aerospace G.I.E.
<b>LLG</b>	<b>Globus Airlines</b>
LLI	Liebherr-Aerospace Lindenberg GMBH
LMA	Lockheed Martin Aeronautics Company
LMO	Lockheed Martin Corporation
LMX	Lumexis Corporation
<b>LNI</b>	<b>Lion Air</b>
LOT	LOT Polish Airlines
LPS	Labinal Power System
LRN	<b>GOL Linhas Aereas Inteligentes S.A.</b> (formerly VRG Linhas Aéreas LTDA)
LRS	Lufttransport A/S
LTN	Litton Systems
LTU	LTU International Airways
LTZ	ACSS
LUC	Airbus Corporate Innovation

LUM	Luminator Aircraft Products
LYC	Lynden Air Cargo
LYX	Smart Lynx SIA
MAB	Meggitt Aircraft Braking Systems
MAF	Royal Malaysian Airforce
MBD	MBDA France
MCK	Mount Cook Airline
MDA	MDA Geospatial Services Inc.
MDG	Air Madagascar
MDP	Media Pro
MEI	Panasonic Corporation (Matsushita)
MGK	Air Mekong
MGL	Mongolian Airlines (MIAT)
MGM	MGM Mirage, Inc
MGT	Meggitt Safety Systems
MNJ	MenaJet
MIB	Miami Air International (BSK)
MIK	Mihin Lanka Ltd.
MIP	Miltope Corporation
MLY	Malaysia Airlines (MAS)
MOG	Moog, Inc.
MON	Monarch Airlines
MRC	Royal Moroccan Air Force
MSC	Monogram Systems (Carson)
MSG	Monogram Systems GmbH
MSJ	Mitsubishi Electric Corporation
MSR	Egyptair (MSR)
MSS	Meggitt Sensing Systems
MTA	Microturbo APU LLC
MUI	Mauritania Airlines
MXD	Malindo Airways
MXG	Presidencia De La Republica – CGTAP
NAC	Northern Air Cargo
NAF	Royal Netherlands Air Force
NAL	National Airlines
NAS	Norwegian Air Shuttle ANS - EFB
NAV	Navtech Systems Support, Inc
NBM	Air Namibia
NCA	Nippon Air Cargo
NHW	NATO Heavy Airlift Wing
NIG	Aerocontractors Nigeria Ltd.
NLH	Norwegian Long Haul ASA
NMF	NORD-MICRO AG
NOS	NEOS S.p.A.
NRW	Nordwind Airlines
NSB	Norwegian Air Shuttle ASA
NSE	NAT Seattle
NVO	navAero AB
NWA	Northwest Airlines (NWA)
OAL	Olympic Air
OCA	Aserca Airlines
OHK	Oasis Hong Kong Airlines Limited (OHK)
OMR	Oman Air
OPT	Op Technologies
PAJ	Premier Avia JSC
PAC	Panasonic Corporation (CSS)
PBA	Parker Hannifin Corporation
PCV	Precision Air Services
PFC	GEC Avionics Limited
PFL	Amiri Flight
PGN	Peregrine Point LLC
PGS	Pegasus Hava Taşımacılığı A.Ş.
PIA	Pakistan International Airline (PIA)
PJS	Jet Aviation Business Jets
PKZ	Prime Aviation KZ
PRI	Primera Air Scandinavia
PTI	PrivatAir



PVJ	Privajet
PVN	Peruvian Airline S.A.
QAF	Qatar Amiri Flight
QAN	Qantas (QFA)
QEA	Qatar Emiri Air Force
QTR	Qatar Airways (QTR)
RAM	Royal Air Maroc (RAM)
RAU	Riau Airlines
RBA	Royal Brunei Airlines
RCF	Rockwell Collins France
RCU	Rockwell Collins - Commercial Systems
RDE	Airbus Defence and Space (formerly Cassidian)
REN	Retentura Limited
REU	Air Austral
RFO	Royal Flight Oman
RGR	Felham Enterprises
RJA	Royal Jordanian Airlines
RLK	Air Nelson
RNZ	Royal New Zealand AF
ROJ	Royal Jet LLC
ROZ	Rosemount Aerospace - Goodrich Sensor Systems
RPC	Republic Airways
RRY	Rolls Royce plc
RSA	Royal Saudi Air Force
RWA	Rwanda Air
RWD	RwandAir
RYR	RyanAir
SAA	Sata Air Acores
SAE	Shanghai Aviation Electric Co., Ltd. (AVIC)
SAS	Scandinavian Airlines System (SAS)
SAU	SkyWest Airlines Australia
SAV	SAVIC (Shanghai Avionics Corporation)
SCO	Scout Pte. Ltd.
SDD	SDD Productions
SEK	Securaplane
SEL	Selex ES S.p.A.
SEY	Air Seychelles, Ltd.
SFA	S.F. Airlines Co, Ltd
SFB	H.M. The Sultan's Flight
SFF	South African Air Force
SFH	Star Flight Express Limited
SFI	Societe de Fabrication D'Instruments de Mesure
SFJ	StarFlyer Inc.
SFN	South African Airlines
SGC	Honeywell Aerospace
SHA	Shanghai Airlines
SHI	Air Shamrock
SHP	Boeing Commercial – Shop Load
SHW	ASINC
SIA	Singapore Airlines (SIA)
SIB	GE Aviation - Bishops Cleeve
SIE	Denel Aviation
SIM	Boeing Training and Flight Services
SKL	Mid East Jet
SKN	Sky King Inc.
SKY	Skymark Airlines
SLK	SIA Engineering Company
SMC	GE Aviation - Bishops Cleeve
SMI	GE Aviation - Bishops Cleeve
SMX	GE Aviation Systems LLC
SOF	Southern Air
SON	SONAIR S.A.
SOY	Sony Trans Com
SQC	Singapore Air Cargo
SRF	Saudi Royal Flight
SRU	Star Peru Aerolineas
STA	Star Airways

SUI	Swiss Air Force
SUU	Sundstrand Corporation
SVA	Saudi Arabian Airlines
SVM	Siva Limited
SVP	Saab Avitronics
SWA	Southwest Airlines
SWG	Sunwing Airlines
SWS	Swissair (SWR)
SXT	SEXTANT Avionique (THALES)
SYA	Skywest Airlines, USA (SWA)
SXR	Sky Express
SYK	Asky Airlines
TAI	TACA Intl Airlines
TAL	Thales Avionics (UK)
TDY	Teledyne Controls
TEL	Telephonics Corporation
TEQ	TEAM
TET	UXC Eclipse (formerly Tectura Corporation)
TFL	ArkeFly
TFN	TECHNOFAN
THA	Thai Airways
THT	Air Tahiti Nui
THY	Turkish Airlines
TIU	Titan Airways, Ltd.
TLA	TAM Lineas Aereas S.A.
TLS	Atlas Air, Inc.
TMD	Astro-Med
TNA	TransAsia Airways
TOM	Thomsonfly (TUI Airlines Group) (new code is TUV)
TSG	TechS.A.T. GmbH
TTT	TTTech Computertechnik AG
TUS	Honeywell Aerospace - Tucson
TUV	TUI Airlines Group (former code was TOM)
TVN	Terravision
TVS	Travel Service
TWA	Trans World Airlines (TWA)
<b>TYA</b>	<b>NordStar Airlines</b>
TYB	Tybrin Corp.
TYI	Ty Air, Inc
UAC	UAC - Integration Center LLC
UAE	Emirates Airlines (UAE)
UAL	United Airlines (UAL)
UEL	Ultra Electronics, Controls
UPS	United Parcel Service (UPS)
USA	US Airways (USA)
USF	United States Air Force
USI	Ultramain Systems, Inc.
USK	DC Air National Guard
USN	United States Navy
UTN	Utair Ukraine Airlines, LLC
UTY	Alliance Airlines (Brisbane)
VAA	Virgin Atlantic Airways (Boeing Aircraft)
VAX	Virgin America Airline (VRD)
VDA	Volga-Dnepr Airlines
VDH	Vertical de Aviacion
VEG	Vision Air
VIR	Virgin Atlantic Airways (Airbus Aircraft) *Name Change
VIS	ViaSat
VJA	VietJet Air
VNA	Vietnam Airlines
VOI	Volaris (Concesionaria Vuela Compania de Aviacion)
<b>VOZ</b>	<b>Virgin Australia</b>
VRG	<b>GOL Linhas Aereas Inteligentes S.A.</b> (formerly VRG Linhas Aéreas LTDA)
VYB	North West Transport Co. Vyborg LLC.
WAN	Wataniya Airways
WAW	Worldwide Aircraft (Bermuda) Limited

WIF	Widerøes Flyveselskap AS
WJE	Allegiant Air
WWD	Woodward Airframe Systems
XAR	ARINC Inc.
XIA	Xiamen Airlines
XPS	African Express Airways
XXX	Test, Generic, Place-Holder, Non-Functional MMM
YCV	INDRA Systems S.A.
YES	Yes Airways
YIP	BB Five, Inc.
YSB	Thales Avionics
YZR	Yangtze River Express Airlines CO.,LTD
ZCI	Zodiac OEM Cabin Interiors
ZDU	FAA Flight Standards Service (Oklahoma)
ZSS	Swedish Air Force

The following List of Organizations is in alphabetical order with their assigned manufacturer's codes.

Organization	Mfg Code
AAR Cargo	AAC
ABC Aerolineas (InterJet)	AIJ
ACM Air Charter GMBH	ACM
ACSS	LTZ
AD Aerospace Limited	FVU
Adria Airways	ADR
Advanced Flight Systems	1AV
AEJ Services LLC	AJL
AEL Sistemas	AEL
Aerocontractors Nigeria Ltd.	NIG
Aerodata, Inc.	ADI
AEROFLOT (AFL)	ARO
Aerolux, Ltd.	ALX
AeroMexico Airlines	AMX
AeroSat	AOS
African Express Airways	XPS
AirBridgeCargo	ABW
Air Algerie	ALG
Air Austral	REU
Air Batumi	BTM
Air Caledonie International	ACI
Air Canada (ACA)	ACN
Air China Limited EFB Program	CCA
Air China Limited	DDD
Air Europa	AEA
Air France (AFR)	ANT
Air Greenland	GRL
Air India Charters Ltd.	AIC
Air India Ltd (AIC)	AIN
Air Informatics LLC.	AIF
Air Italy S.p.A.	ALS
Air Madagascar	MDG
Air Malawi	AML
Air Mekong	MGK
Air Namibia	NBM
Air Nelson	RLK
Air New Zealand Limited (ANZ)	ANZ
Air North	AYK
Air Seychelles, Ltd.	SEY
Air Shamrock	SHI
Air Tahiti Nui	THT
Air Tanzania Company Ltd.	ATC
Air Vanuatu	AVN
Airbus Corporate Innovation	LUC
Airbus - Customer Services	ABM
Airbus Defence and Space	ADS
Airbus Defence and Space (formerly EADS Defence Electronics)	EBE
Airbus Deutschland	ABI
Airbus Deutschland Buxtehude	ADX
Airbus France	ABF
Airbus Helicopters	ABH
Aircraft Management Technologies	AMT
AirItaly	FOC
Airnet	AIR
AirTran	CQT
Airwork Flight Operations Ltd.	AWK
Alaska Airlines (ASA)	ASA
Alba Star	ABS
Allegiant Air	WJE
Algerian Air Force	AAO
Alliance Airlines (Brisbane)	UTY
All Nippon Airways (ANA)	ANA

American Airlines (AAL)	AAL
American TechS.A.T.	ATQ
AMETEK Aerospace Products	AEK
Amiri Flight	PFL
AOA Apparatebau Gauting	AOG
AOA Apparatebau Gauting gmbh	AGM
Aramco Associated Company	AAJ
ARINC Inc.	XAR
ArkeFly	TFL
Asian ATR Flight Training Center	1AS
Asiana Airlines (AAR)	AAR
ASINC	SHW
Aserca Airlines	OCA
Asky Airlines	SYK
Astro-Med	TMD
Astronautics C.A. LTD	EFB
Astronautics Corporation of America	ACZ
Astronics Advanced Electronic Systems	AES
Astronics Ballard Technology	ABT
Atlas Air, Inc.	TLS
Austrian Airlines	AUA
Avianca	AVA
Aviation Training Center of Tunisia	1AH
AVIC Xi'an Aeronautics Computing Technique Research Inst.	ACT
Avionica, Inc.	AVC
Avionics Interface Technologies	AIT
Avitech GmbH	AVI
Avjet Corporation	AJT
Azerbaijan Hava Yollari	AHY
Azul Linhas Aereas Brasileiras	AZL
B & H Airlines	BOS
B/E Aerospace	BEA
BAA Jet Management Ltd.	BJM
BAE Systems Platform Solutions	BPS
Bahrain Air	1AE
Bahrain Royal Flight	BRF
Barco	BAQ
Base2 Solutions	BAS
BB Five, Inc.	YIP
Becker Avionics GmbH	BAG
Becker Flugfunkwerk GmbH	BFW
Beijing Capital Airlines, Ltd.	CBJ
Bel Air LTD	GSB
Belleair	1AK
Biman Bangladesh Airlines Ltd	BBC
Blue Bird Airways	BBG
<b>Board Aero Navigation Systems JSC</b>	<b>BNS</b>
Boeing Business Jets	BBJ
Boeing Commercial – Cabin Data Base	CDB
Boeing Commercial – Lighting Data Base	LDB
Boeing Commercial – Shop Load	SHP
Boeing Commercial Airplanes	BCG
Boeing Commercial Avionics Systems	BCE
Boeing Defense, Space, and Security	BDS
Boeing Flight Bag	BFB
Boeing Flight Training	BFT
Boeing IDS - Tanker Program (Dormant, see code BDS)	BSP
BMIC Boeing Mobility Integration Center	1AI
Boeing Training and Flight Services	SIM
Boeing Wideband Comm and RF Systems (formerly listed as ConneXion by Boeing)	CBB
Bombardier Inc.	BBD
Branson	1AZ
Brazilian Air Force	1AG
British Airways (BAW)	BAB
Business Aero Ltd.	BZO
CAE Inc.	1AO

FOCCargolux Airlines Intl	CLX
Cargolux Italia S.p.A.	ICV
Caribbean Airlines	CBL
Cassidian Airborne Solutions GmbH	CAS
Cathay Pacific Airways	CPA
Airbus Defence and Space (formerly Cassidian)	RDE
CETC Avionics Co., Ltd.	CEA
Celestial Airways	CEL
Chilean Navy	CHY
China Cargo	CKK
China Eastern Airlines (CES)	CES
China Express Airlines	CXP
China Southern Airlines (CSN)	CSN
CMC Electronics	CMP
Cobham SATCOM	CSC
Supreme Commission of Hajj and Umrah of Iraq	HUI
Collins Air Transport Division	COL
Colombian Air Force	1AJ
Condor Engineering	CDE
Consolidated Press Holdings	CPH
Continental Airlines (CAL)	CAL
Copa Airlines	COP
Corendon Airlines	HVA
Crane Aerospace & Electronics	CRZ
Curtiss Wright Controls	CUR
Curtiss Wright Controls Integrated Sensing	CWC
Czech Air Force	CEF
Czech Airlines	CSA
D.E.R International	DEL
DC Air National Guard	USK
Deere and Company Aviation	JON
Delta Air Lines (DAL)	DAL
Delta Flight Products (IFE)	DFP
Demo Systems	DEM
Device Technologies, Inc.	DTI
Diehl Avionik Systeme	DAX
Diehl Luftfahrt Elektronik	DLE
Denel Aviation	SIE
DIRCAM/DIA	FAF
Ducommun Technologies	DCM
Dubai Air Wing	DAW
EADS Deutschland GmbH	EBX
EADS Deutschland GmbH-BU Defense Electronics	EBE
EADS-CASA	CSX
Eastern Australia Airlines	1AD
Eaton Corporation	ETN
Egyptair (MSR)	MSR
EL-AL Israeli Airlines	ELY
Elbit Systems Ltd (former code was EBS)	ESL
Emirates Airlines (UAE)	UAE
EMS Technologies Canada Ltd	EMG
Equipement et Construction Electrique	ECE
ESW - Extel System Wedel	ESE
Ethiopian Airlines (ETH)	ETH
Etihad Airways	ETI
Europrop International	EPI
EVA Airways (EVA)	EVA
Evergreen International Airlines, Inc.	EVR
FAA Flight Standards Service (Oklahoma)	ZDU
Far Eastern Air Transport	FET
Federal Express (FDX)	FED
Feitian United	FTT
Felham Enterprises	RGR
Fenwal Safety System	FEN
FiberCom	FCI
Fiji Airways	FJI
Finnair (FIN)	FIN

Flight Training Europe S.L.	1AL
Flight Visions Incorporated	FVI
FlyDubai	FDB
FTI Technologies GmbH	FTI
Fuerza Aerea Ecuatoriana (Ecuadorian Air Force)	FAE
Futura International Airways, S.A.	FUA
G5 Executive AG	GFE
Gables Engineering Inc.	GEI
Garuda Indonesia Airlines	GIA
GE Aviation - Bishops Cleeve	SMI
GE Aviation - Bishops Cleeve	SIB
GE Aviation - Bishops Cleeve	SMC
GE Aviation Systems LLC	SMX
GE AVIC Civil Avionics Systems (China JV)	GAA
GE Transportation	GEC
GEC Avionics Limited	PFC
GEC Marconi Inflight Systems	GMI
GOL Linhas Aereas Inteligentes S.A. (also LRN and VRG)	GOT
Gena Systems	GSY
Gentex Corporation	GNT
German Sky Airlines	GHY
Germania Fluggesellschaft mbH	GER
Global Eagle Entertainment	GEE
Global Jet FZCO	1AQ
Globus Airlines	LLG
Gogo, Inc.	GGO
Golden Air Fly AB	GOL
Goodrich - Fuel & Utility Systems	GRH
Goodrich Corporation, Cargo Systems	GCP
Grand China Air	GCA
Gulf Air	GFA
Gulfstream Aircraft	GAC
Gulf Helicopter Company	GHC
H.M. The Sultan's Flight	SFB
Holmberg GmbH & Co. KG	HOL
Hainan Airlines	HNA
Hamilton Sundstrand	HAM
Hansung Airlines	HAN
Hawaiian Airlines	HAL
Hispano Suiza	HIS
Honeywell - Engines, Systems & Services - Toronto	GRS
Honeywell - Minneapolis	HNS
Honeywell - Minneapolis	HNY
Honeywell - Minneapolis ATD Division	HNM
Honeywell - Minneapolis ATS Division	HNC
Honeywell - Phoenix	HNB
Honeywell - Phoenix	HNI
Honeywell - Phoenix	HNP
Honeywell - Redmond	HNR
Honeywell Aerospace	SGC
Honeywell Aerospace – Tucson	TUS
Honeywell Space Systems	HNG
Hughes-Avicom International	HAX
Iberia (IBE)	IBE
APiJET (formerly iJet Onboard)	JET
INDRA Systems S.A.	YCV
Innovative Solutions and Support	ISS
Interface Displays & Controls	IDC
International Communications Group	ICG
International Jetclub Limited	IJC
Intertechnique	ITE
Iraq Air Force	1AR
Iraq Ministry of Defense	1AC
Israir Airlines	ISR
Japan Airlines (JAL)	JAL
JAT Airways	JAT
Jeju Air Co. Ltd.	JJA

Jeppesen	JEP
JetairFly	JAF
Jet Airways India, Ltd	JPL
Jet Aviation Business Jets	PJS
Jet Aviation Business Jets FZCO	1AN
Jetstar Airways (JST)	JST
JSC Premier Avia	JSV
JSC PTC-UAB	1AU
Juneyao Airlines	DKH
Kalitta Air LLC	KLT
Kenya Airways (KQA)	KQA
Kidde Aerospace	KTI
KID-Systeme GmbH	KID
KLM Royal Dutch Airlines (KLM)	KLM
Korean Air (KAL)	KAL
Korry Electronics	KOR
Kuban Airlines	KUB
Kunming Airlines	KNY
Kuwait Airways	KAC
KYRGYZ Airways Ltd.	GYZ
L-3 Communications Avionics Systems Engineering	L3A
L-3 Communications Display Systems	LCV
Labinal Power System	LPS
Lan Airlines	LAN
Lateceore	LAT
Leach International Europe SA	LCH
Liebherr-Aerospace G.I.E.	LIE
Liebherr-Aerospace Lindenberg GMBH	LLI
Liebherr-Aerospace SAS	LHL
Litton Systems	LTN
Lion Air	LNI
Lockheed Martin Aeronautics Company	LMA
Lockheed Martin Corporation	LMO
LOT Polish Airlines	LOT
LTU International Airways	LTU
Lufthansa (DLH)	DLT
Lufthansa Systems FlightNav	LFN
Lufthansa Technik AG	LHT
Luftransport A/S	LRS
Lumexis Corporation	LMX
Luminator Aircraft Products	LUM
Lynden Air Cargo	LYC
Malaysia Airlines (MAS)	MLY
Malindo Airways	MXD
Mauritania Airlines	MUI
Maswings SDN BHD	1AX
Matsushita Avionics Systems (Change Panasonic)	MEI
MBDA France	MBD
MDA Geospatial Services Inc.	MDA
Media Pro	MDP
Meggitt Aircraft Braking Systems	MAB
Meggitt Safety Systems	MGT
Meggitt Sensing Systems	MSS
MenaJet	MNJ
Messir - Bugatti	FMB
Mexican Navy	1AP
MGM Mirage, Inc	MGM
Miami Air International (BSK)	MIB
Microturbo APU LLC	MTA
Mid East Jet	SKL
Miltope Corporation	MIP
Mihin Lanka Ltd.	MIK
Mitsubishi Electric Corporation	MSJ
Monarch Airlines	MON
Mongolian Airlines (MIAT)	MGL
Monogram Systems (Carson)	MSC
Monogram Systems GmbH	MSG



Moog, Inc.	MOG
Mount Cook Airline	MCK
NASA Ames Research Center	1BA
NAT Seattle	NSE
NATO Heavy Airlift Wing	NHW
National Airlines	NAL
navAero AB	NVO
Navtech Systems Support, Inc	NAV
NEOS S.p.A.	NOS
Nippon Air Cargo	NCA
NORD-MICRO AG	NMF
NordStar Airlines	TYA
Nordwind Airlines	NRW
Norwegian Air Shuttle ANS - EFB	ANS
Norwegian Air Shuttle ASA	NSB
Norwegian Long Haul ASA	NLH
North West Transport Co. Vyborg LLC.	VYB
Northern Air Cargo	NAC
Northwest Airlines (NWA)	NWA
Oasis Hong Kong Airlines Limited (OHK)	OHK
Olympic Air	OAL
Oman Air	OMR
Op Technologies	OPT
Pakistan International Airline (PIA)	PIA
Panasonic Corporation (CSS)	PAC
Panasonic Corporation (Matsushita)	MEI
Parker Hannifin Corporation	PBA
Peach Aviation	APJ
Pegasus Hava Taşımacılığı A.Ş.	PGS
Peregrine Point LLC	PGN
Peruvian Airline S.A.	PVN
Petroff Air	1AA
Precision Air Services	PCV
Premier Avia JSC	PAJ
Presidencia De La Republica – CGTAP	MXG
Prime Aviation KZ	PKZ
Primera Air Scandinavia	PRI
Privajet	PVJ
PrivatAir	PTI
PT. Metro Batavia	BTV
Qantas (QFA)	QAN
Qatar Airways (QTR)	QTR
Qatar Amiri Flight	QAF
Qatar Emiri Air Force	QEA
Republic Airways	RPC
Retentura Limited	REN
Riau Airlines	RAU
Rockwell Collins - Commercial Systems	RCU
Rockwell Collins France	RCF
Rockwell Collins – Head up Display Group	FLD
Rolls Royce plc	RRY
Rosemount Aerospace - Goodrich Sensor Systems	ROZ
Royal Air Maroc (RAM)	RAM
Royal Brunei Airlines	RBA
Royal Flight Oman	RFO
Royal Jet LLC	ROJ
Royal Jordanian Airlines	RJA
Royal Malaysian Airforce	RAF
Royal Moroccan Air Force	MRC
Royal Netherlands Air Force	NAF
Royal New Zealand AF	RNZ
Royal Saudi Air Force	RSA
RwandAir	RWD
Rwanda Air	RWA
RyanAir	RYR
S.F. Airlines Co, Ltd	SFA
Saab Aerosystems	1AW

Saab Avionics	SVP
Sabena	1AT
Sata Air Acores	SAA
Saudi Arabian Airlines	SVA
Saudi Royal Flight	SRF
Scandinavian Airlines System (SAS)	SAS
Scout Pte. Ltd.	SCO
SDD Productions	SDD
Securaplane	SEK
Selex ES S.p.A.	SEL
Senegal Airlines	GGA
SEXTANT Avionique (THALES)	SXT
Shandong Airlines	CDG
Shanghai Airlines	SHA
Shanghai Aviation Electric Co., Ltd. (AVIC)	SAE
Shenzhen Airlines	CSZ
SAVIC (Shanghai Avionics Corporation)	SAV
Sikorsky Aerospace Maintenance	1AM
SIA Engineering Company	SLK
Silk Way West Airlines	AZG
Silverblatt	1BB
Singapore Air Cargo	SQC
Singapore Airlines (SIA)	SIA
Siva Limited	SVM
Sky Express	SXR
Sky King Inc.	SKN
Skymark Airlines	SKY
Skywest Airlines, USA (SWA)	SYA
SkyWest Airlines Australia	SAU
Smart Lynx SIA	LYX
Societe de Fabrication D'Instruments de Mesure	SFI
Societe Labinal	LDC
SONAIR S.A.	SON
Sony Trans Com	SOY
South African Air Force	SFF
South African Airlines	SFN
Southern Air	SOF
Southwest Airlines	SWA
Spring Airlines Co.	CQH
StarFlyer Inc.	SFJ
Star Airways	STA
Star Flight Express Limited	SFH
Star Peru Aerolineas	SRU
Sundstrand Corporation	SUU
Sunwing Airlines	SWG
Swedish Air Force	ZSS
Swiss Air Force	SUI
Swissair (SWR)	SWS
TAAG Angola Airlines	DTA
TACA Intl Airlines	TAI
Tajik Air	1AF
TAM Lineas Aereas S.A.	TLA
Telephonics Corporation	TEL
TEAM	TEQ
TECHNOFAN	TFN
TechS.A.T. GmbH	TSG
Tectura Corporation (see UXC Eclipse)	TET
Teledyne Controls	TDY
Terravision	TVN
Test, Generic, Place-Holder, Non-Functional MMM	XXX
Thai Airways	THA
Thales Avionics	YSB
Thales Avionics (UK)	TAL
The Boeing Company - AMI/GBST Support	BSM
Tiger Airways Australia	1AG
Titan Airways, Ltd.	TIU

Thomsonfly (TUI Airlines Group) (new code is TUV)	TOM
TransAsia Airways	TNA
Trans World Airlines (TWA)	TWA
Travel Service	TVS
TTTech Computertechnik AG	TTT
TUI Airlines Group (former code was TUV)	TUV
TUIfly Nordic AB	BLX
Turkish Airlines	THY
Ty Air, Inc	TYI
Tybrin Corp.	TYB
UAC - Integration Center LLC	UAC
Ultra Electronics, Controls	UEL
Ultramain Systems, Inc.	USI
United Airlines (UAL)	UAL
United Parcel Service (UPS)	UPS
United States Air Force	USF
United States Navy	USN
US Airways (USA)	USA
Utair Ukraine Airlines, LLC	UTN
UXC Eclipse (formerly Tectura Corporation)	TET
Vertical de Aviacion	VDH
ViaSat	VIS
VietJet Air	VJA
Vietnam Airlines	VNA
Virgin America Airline (VRD)	VAX
Virgin Atlantic Airways (Airbus Aircraft) *Name Change	VIR
Virgin Atlantic Airways (Boeing Aircraft)	VAA
Virgin Australia	VOZ
Vision Air	VEG
Volaris (Concesionaria Vuela Compania de Aviacion)	VOI
Volga-Dnepr Airlines	VDA
VRG Linhas Aéreas LTDA (formerly had code of VRG)	GOT
Wataniya	WAN
Widerøes Flyveselskap AS	WIF
Woodward Airframe Systems	WWD
Worldwide Aircraft (Bermuda) Limited	WAW
Xiamen Airlines	XIA
Xtra Airways	CIN
Yangtze River Express Airlines CO.,LTD	YZR
Yes Airways	YES
Zest Airlines	EZD
Zodiac OEM Cabin Interiors	ZCI