

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

N7110.176

10/1/97

Cancellation
Date: 10/1/98

SUBJ: AIRCRAFT TYPE DESIGNATORS

- 1. PURPOSE.** This Notice revises Appendices A and B of Order 7110.65 to standardize the new aircraft designators according to the International Civil Aviation Organization (ICAO) document 8643/25.
- 2. DISTRIBUTION.** This directive is distributed to select offices in Washington headquarters, regional offices, FAA Technical Center, FAA Aeronautical Center, all air traffic control facilities, international aviation field offices, and interested aviation public.
- 3. BACKGROUND.** In the first half of 1996, the Civil Aviation Authority of the Netherlands and the European Organization for the Safety of Air Navigation undertook the major task of reviewing the current Aircraft Type Designators for ICAO. The recommendations included changes that ensured satisfaction of its original purpose/use and to assign the designators to the aircraft types that most commonly operate throughout the world. The rules for the formulation of designators have been updated (detailed and refined) in order to avoid misinterpretation and confusion when assigning them. Changes were made to the first and third characters of many aircraft type designators.
- 4. ACTION.** Change Order 7110.65J, Air Traffic Control, Paragraph 2-4-20a(1) to read:
Civil- State the prefix "November" when establishing initial communications with U.S. registered aircraft, followed by the ICAO phonetic pronunciation of the numbers/letters of the aircraft registration. The controller may state the aircraft type, the model, the manufacturer's name, followed by the ICAO phonetic pronunciation of the numbers/letters of the aircraft registration if used by the pilot on the initial or subsequent call.

EXAMPLE: Air Traffic Controller's initiated call:

"November One Two Three Four Golf"

"November One Two Three Four"

Responding to Pilot's initial or subsequent call:

"Jet Commander One Two Three Four Papa"

"Bonanza One Two Three Four Tango"

- 5. PROCEDURES.** Air Traffic Controllers shall prefix communications with United States (U.S.) registered civil aircraft with the term "November" or with the same identification used by the pilot.

NOTE: Aircraft Type Designators listed in Order 7110.65, Appendices A and B have been revised as indicated in the attached appendices. Many identical aircraft types are built by more than one manufacturer (licensed manufacturer, company take-over, company name changes, etc.) and listed under the common name of each manufacturer. To minimize communication errors, for civil aircraft identification, use the term "November" or the same identification that the pilot used in his/her initial or subsequent call.

Aircraft Models indicated in **BOLD** identify either the accurate model description or a new addition to the appendix.

All Aircraft Type Designators that were removed will be indicated under the New Designator as "**DELETED.**"

6. EFFECTIVE DATE. November 6, 1997

The information contained in this notice will be incorporated into Order 7110.65.



for Jeff Griffith
Program Director, Air Traffic Operations

Appendix A.

AIRCRAFT INFORMATION

TYPE ENGINE ABBREVIATIONS

P	piston
T	jet/turboprop
J	jet

CLIMB AND DESCENT RATES

Climb and descent rates based on average en route climb/descent profiles at median weight between maximum gross takeoff and landing weights.

SRS

SRS means "same runway separation;" categorization criteria is specified in para 3-10-3, SAME RUNWAY SEPARATION.

* Denotes single-piloted military turbojet aircraft or aircraft to receive the same procedural handling as a single-piloted military turbojet aircraft.

*** Denotes amphibian aircraft.

+ Denotes aircraft weighing between 12,500 lbs. and 41,000 lbs.

MANUFACTURERS

Listed under the primary manufacturer are other aircraft manufacturers who also make versions of some of the aircraft in that group.

AIRCRAFT WEIGHT CLASSES

Heavy. Aircraft capable of takeoff weights of more than 255,000 pounds whether or not they are operating at this weight during a particular phase of flight.

Large. Aircraft of more than 41,000 pounds, maximum certificated takeoff weight, up to 255,000 pounds.

Small. Aircraft of 41,000 pounds or less maximum certificated takeoff weight.

Fixed-Wing Aircraft

AERONCA (USA- see Bellanca)

AERO SPACELINES (USA)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Guppy	AP52	DELETED				
Mini Guppy	AP3M	DELETED				
Pregnant Guppy	AP1P	DELETED				
Super Guppy	AP25	SGUP	4T/L	1,500	1,500	III
Super Turbine Guppy	AP45	SGUP	4T/L	1,500	1,500	III

AEROSPATIALE (France)**(Also MORANE-SAULNIER, PZL-OKECIE, SOCATA, SUD, SUD-EST, TBM)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Caravelle SE 210	S210	S210	2J/L	2,300	2,000	III
Corvette SN601	S601	S601	2J/S+	2,500	2,000	III
Rallye Club MS880/881/ 883/887/100S/100ST	S880	RALL	1P/S	500	500	I
Rallye Commodore Series MS892/150T/150ST/ 150SV/150SVS	S892	RALL	1P/S	630	630	I
Rallye Minerva Series MS894	S894	RALL	1P/S	750	750	I
Super Rallye MS885/886	S885	RALL	1P/S	1,000	1,000	I
Tampico TB-9	TB-09	TAMP	1P/S	600	700	1
Tabago TB10C/200	TB-10	TOBA	1P/S	700	700	1
Trinidad TB-20	TB-20	TRIN	1P/S	900	700	1
Trinidad TB-21	TB-21	TRIN	1P/S	850	700	1
TBM TB-700	T700	TBM7	1T/S	1700	1500	1

AEROSPATIALE/AERITALIA (France/Italy)**(Also ATR, ALENIA)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
ATR 42-200/300	AT42	ATR	2T/L	2,000	2,000	III
ATR 72	AT72	ATR	2T/L	2,000	2,000	III

AEROSPATIALE/BRITISH AEROSPACE (France/UK)**(Also BAC, SUD, SUD-BAC)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Concorde	CONC	CONC	4J/H	5,000	5,000	III

AIRBUS INDUSTRIES (International)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
A300	EA30	A300	2J/H	3,500	3,500	III
A310	EA31	A310	2J/H	3,500	3,500	III
A319	-	A319	2J/L	3,500	3,500	III
A320	EA32	A320	2J/L	3,500	3,500	III
A321	-	A321	2J/L	3,500	3,500	III
A330	EA33	A330	2J/H			III
A340	EA34	A340	4J/H			III

AIR TRACTOR , INC. (USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
AIR TRACTOR 401/301	AT41	AT3P	1P/S	1,000		I

ALON, INC. (USA)

(Also AIR PRODUCTS, ERCO, FORNAIRE, FORNEY, MOONEY)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Aircoupe A2/F-1	F02	ERCO	1P/S	630	630	I

ASTRA JET (USA- see Israel Aircraft Industries & Astra Jet)**AVIONS MUDRY ET CIE (France) (Now called MUDRY)**

(Also CAARP)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Cap 10	CP10	CP10	1P/S+	1,500	2,000	I
Cap 20	CP20	CP20	1P/L	1,500	2,000	I

BEAGLE AIRCRAFT (UK)

(Also BEAGLE-AUSTER)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
B.121 Pup Series	BT10	PUP	1P/S	575	750	I
B.206 Basset Series	BT6S	BASS	2P/S	1,200	1,300	II

BEECH AIRCRAFT COMPANY (USA)

(Also CCF, COLEMILL, DINFIA, EXCALIBUR, FUJI, HAMILTON, JETCRAFTERS, RAYTHEON, SWEARINGEN, VOLPAR)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Airliner 99	BE99	BE99	2T/S	1,750	1,750	II
Baron 55/Chochise	BE55/ T42	BE55	2P/S	1,700	1,700	II
Baron 58, Foxstar	BE58	BE58	2P/S	1,730	1,730	II
Beech F90 King Air	BE9F	BE9T	2T/S	2,600	2,600	II
Beech 1900/C-12J	BE02	B190	2T/S+	2,400	2,400	III
Beechjet 400/T-1 Jayhawk/ MU300 Diamond	BE40/BJ40/ T1	MU30	2J/S+	3,300	2,200	III
Bonanza 33, Debonair (E-24)	BE33	BE33	1P/S	1,000	1,000	I

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Bonanza 35	BE35	BE35	1P/S	1,200	1,200	I
Bonanza 36	BE36	BE36	1P/S	1,100	1,100	I
Duke 60	BE60	BE60	2P/S	1,600	1,600	II
Duchess 76	BE76	BE76	2P/S	1,500	1,500	II
King Air 90, A90 to E90 (T-44, V-C6), Taurus 90	BE90	BE9L	2T/S	2,000	2,000	II
King Air 100/A (U-21F Ute)	BE10/ U21F	BE10	2T/S	2,250	2,250	II
King Air 100B	BE1B	BE10	2T/S	2,250	2,250	II
Mentor T34A/B, E-17	BE45/ T34	T34P	1P/S	1,150	1,150	I
Queen Air 65 (U-8F Seminole)	BE65	BE65	2P/S	1,375	1,375	II
Queen Air 80	BE80	BE80	2P/S	1,275	1,275	II
Seminole	U8	BE65	2P/S	1,200	1,200	II
Sierra 24, Musketeer Super	BE24	BE24	1P/S	1,000	1,000	I
Skipper 77	BE77	BE77	1P/S	750	750	I
Sport 19, Musketeer Sport	BE19	BE19	1P/S	680	680	I
Stagger Wing 17 (UC-43 Traveler)	BE17	BE17	1P/S	1,375	1,375	I
Starship 2000	BEST	STAR	2T/S+	2,650	2,650	III
Sundowner 23, Musketeer 23	BE23	BE23	1P/S	740	800	I
Super H18	BE8S	BE18	2P/S	1,400	1,400	II
Super King Air 200/1300, Huron	BE20/ C12	BE20	2T/S	2,450	2,500	II
Super King Air 200HDC	BE2H	BE20	2T/S	2,450	2,500	II
Super King Air 300	BE30	BE30	2T/S+	3,000	3,000	III
Super King Air 300LW	BE3L	BE30	2T/S	3,000	3,000	II
Super King Air 350	BE3B	B350	2T/S+	3,000	3,000	III
Travelair 95	BE95	BE95	2P/S	1,250	1,250	II
Turbo Mentor T-34C	-	T34T	1T/S			
Twin Beech 18	BE18/ C45	BE18	2P/S	1,400	1,000	II
Twin Bonanza 50	BE50	BE50	2P/S	1,600	1,600	II
Ute	U21	U21	2T/S	2,000	2,000	II

BELLANCA AIRCRAFT (USA)**(Also AERONCA, CHAMPION, DOWNER, HINDUSTAN, NORTHERN)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Aeronca Champion	AR58	AR7	1P/S	500	500	I
Aeronca Chief/Super Chief, Pushpak	AR11	AR11	1P/S	500	500	I
Aeronca Sedan	AR15	AR15	1P/S	500	500	I
Challenger	CH8	AR7	1P/S	1,150	1,000	I
Champion	CH5	AR7	1P/S	750	750	I
Champion Citabria	CH10	AR7	1P/S	1,120	1,120	I
Champion Citabria 7ECA	CH9	AR7	1P/S	725	725	I

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Champion Lancer 402	CH40	CH40	2P/S	650	1,000	II
Cruisair, Cruismaster 14-19	BL14	B14A	1P/S	1,030	1,030	I
Decathlon, Super Decathlon	BL30	BL8	1P/S	900	1,000	I
Scout 8	BL28	BL8	1P/S	1,080	1,080	I
Super Viking	BL26	BL17	1P/S	1,210	1,210	I
Turbo Viking	BL31	BL17	1P/S	1,000	1,200	I

BOEING COMPANY (USA)**(Also GRUMMAN, NORTHROP-GRUMMAN, IAI)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
707-100/200 Series, VC-137	B707/ V137	B707	4J/H	3,500	3,500	III
707-300/400 Series, E-8 J-Stars	B07H	B707	4J/H	3,500	3,500	III
720	B720	B720	4J/L	3,000	3,000	III
727 (all series)	B727/ C22	B727	3J/L	4,500	4,500	III
737/200 Series	B737/ T43	B73A	2J/L	3,000	3,000	III
737-300/500 Series	B73S	B73B	2J/L	5,500	3,500	III
737-400 Series	B73F	B73B	2J/L	6,500	3,500	III
737-600/700/800	-	B73C	2J/L	4,000	4,000	III
747-100/200/300 Series	B747/ E4/VC25	B74A	4J/H	3,000	3,000	III
747-400 Series	B74F	B74B	4J/H	3,000	3,000	III
747SP/SUD	B74S	B74S	4J/H	3,000	3,000	III
757 (all series)	B757	B757	2J/L	2,500	2,500	III
767 (all series)	B767	B767	2J/H	3,500	3,500	III
777-200	B777	B777	2J/H	2,500	2,500	III
E3 Sentry	E3A	E3	4J/H	3,500	4,000	III
EC-137 (AWACS)	E137	C135	4J/H	3,500	3,500	III
Stearman	B75	ST75	1P/S	840	840	I
Stratofortress	B52	B52	8J/H	3,000	3,000	III
Stratofreighter	KC97	C97	4P/L	2,500	3,000	III
Stratolifter B717	C135	C135	4J/H	2,000	2,000	III
Stratotanker KC-135	KC35	C135	4J/H	2,500	3,000	III
Stratotanker KC-135E	KE35	C135	4J/L	5,000	3,000	III
Stratotanker KC-135R	KR35	C135	4J/H	5,000	3,000	III

BRITISH AEROSPACE (BAe) (UK)

(Also AIL, AVRO, BAC, BUCURESTI, DE HAVILLAND, HANDLEY-PAGE, HAWKER-SIDDELEY, JETSTREAM, KANPUR, MCDONNELL-DOUGLAS, RAYTHEON, SCOTTISH-AVIATION, VOLPAR)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Advance Turboprop (ATP), Jetstream 61	BATP	ATP	2T/L	3,000	3,000	III
BAC One-Eleven	BA11	BA11	2J/L	2,400	2,400	III
BAe 146, RJ, Quiet Trader, Avroliner	BA46	BA46	4J/L	3,500	3,500	III
BAe HS 125 Series 1/2/3/400/600	HS25	H25A	2J/S+	2,500	2,000	III
BAe HS 125 Series 700/800	BA10	H25B	2J/L	3,000	4,000	III
BAe HS 125 Series 1000	BA10	H25C	2J/L	3,000	4,000	III
BAe Harrier	AV8*	HAR*	1J/L	5,000	8,000	III
BAe HS 748 (Andover, C-91)	HS74	A748	2T/L	2,500	2,000	III
BAe Jetstream 31	BA31	JSTA	2T/S+	2,300	2,300	III
BAe 4100, Jetstream 41	BA41	JSTB	2T/S+	2,200	-	III

BRITTEN NORMAN LTD. (a subsidiary of Pilatus Aircraft LTD.) (UK)

(Also AVIONS FAIREY, BAC, BUCURESTI, DE HAVILLAND, HAWKER-SIDDELEY, IRMA, PADC, ROMAERO, VICKERS)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
BN-2A/B Islander, Defender	BN2	BN2P	2P/S	1,250	1,250	II
BN-2T Turbine Islander, Turbine Defender	BN2T	BN2T	2T/S	1,500	1,500	II
BN-2A Mark III Trislander	BN3	TRIS	3P/S	1,200	1,000	III
Trident	HS21	TRID	3J/L	3,000	3,000	III
VC-10	VC10	VC10	4J/H	1,900	2,000	III
Viscount	VC7	VISC	4T/L	1,200	1,500	III
Vulcan	VLCN	DELETE				

BUSHMASTER AIRCRAFT CORP. (USA) (Now AIRCRAFT HYDRO-FORMING)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Bushmaster 2000	BU20	BU20	3P/S+	2,000	2,000	III

CAMAIR AIRCRAFT CORP. (USA)

(Also RILEY, TEMCO)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Twin Navion 480, 55, D-16	CM48	TNAV	2P/S	1,800	2,000	II

CANADAIR BOMBARDIER LTD. (Canada)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
CL600/610 Challenger	CL60	CL60	2J/L	2,250	3,000	III
REGIONAL JET	CL65	CARJ	2J/L	-	-	III

CESSNA AIRCRAFT COMPANY (USA)

(Also AVIONES-COLOMBIA, COLEMILL, DINFIA, ECTOR, FMA, FUJI, REIMS, RILEY, SUMMIT, WREN)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
AGWagon/AGTruck/AGHusky 188	C188	C188	1P/S	1,000	1,000	I
Bird Dog 305/321	C305/ O1	O1	1P/S	1,150	1,150	I
Caravan 1- 208,(Super) Cargomaster, Grand Caravan (U27)	C208	C208	1T/S	1,400	1,400	I
Caravan 2 - F406	C406	F406	2T/S	1,850	-	II
Cardinal 177	C177	C177	1P/S	850	1,000	I
Centurion 210, Turbo Centurion	C210	C210	1P/S	900	1,000	I
Cessna 120	C120	C120	1P/S	640	640	I
Cessna 140	C14	C140	1P/S	640	640	I
Cessna 150	C150	C150	1P/S	670	1,000	I
Cessna 152	C152	C152	1P/S	750	1,000	I
Cessna 170	C170	C170	1P/S	690	1,000	I
Cessna 190	C190	C190	1P/S	1,090	1,090	I
Cessna 195	C195	C195	1P/S	1,200	1,200	I
Cessna 310	C310/ U3	C310	2P/S	2,800	2,000	II
Cessna 318	T37*	T37*	2J/S	3,000	3,000	III
Cessna 335	C335	C335	2P/S	2,200	2,000	II
Cessna 340	C340	C340	2P/S	2,900	2,000	II
Cessna 401	C401	C402	2P/S	2,700	2,000	II
Cessna 402	C402	C402	2P/S	2,500	2,000	II
Cessna 411	C411	C411	2P/S	2,800	2,000	II
Chancellor 414, Rocket Power	C414	C414	2P/S	2,300	2,000	II
Citation 1	C500	C500	2J/S	3,100	3,500	III
Citation 1-SP	C501	C500	2J/S	4,300	3,000	III
Citation 2/-S2	C550/ T47	C550	2J/S+	5,300	3,000	III
Citation 2-SP	C551	C550	2J/S	5,300	3,000	III
Citation 3/6/7	C650	C650	2J/S+	3,900	4,000	III
Citation 5	C560	C560	2J/S+	6,000	3,500	III
Citationjet C525	C525	C525	2J/S	3,300	-	III
Conquest/Conquest 2 - 441	C441	C441	2T/S	4,200	3,000	II
Corsair/Conquest I-425	C425	C425	2T/S	3,500	2,500	II

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Crusader 303	C303	C303	2P/S	3,500	3,000	II
Cutlass RG, 172RG	C172	C72R	1P/S	-	-	I
Dragonfly 318E	A37*	A37*	2J/S	3,370	3,000	III
Golden Eagle 421	C421	C421	2P/S	3,200	2,000	II
Pressurized Skymaster T337G, P337	C337	P337	2P/S	1,250	1,500	II
Skyhawk 172/Cutlass/Mescalero	C172/ T41	C172	1P/S	650	1,000	I
Skyknight 320	C320	C320	2P/S	2,900	2,000	II
Skylane 182	C182	C182	1P/S	890	1,000	I
Skylane RG, Turbo Skylane RG, R182, TR182	C182	C82R	1P/S	890	1,000	I
Skylark 175	C175	C175	1P/S	850	1,000	I
Skymaster 336	C336	C336	2P/S	1,340	1,340	II
Skywagon 180 (U-17C)	C180	C180	1P/S	1,130	1,130	I
Skywagon 185 (U-17A/B)	C185	C185	1P/S	1,000	1,000	I
Stationair 6, Turbo Stationair 6	C206	C206	1P/S	975	1,000	I
Stationair/Turbo Stationair 7/8	C207	C207	1P/S	810	1,000	I
Super Skymaster 337	C337/ O2	C337	2P/S	1,250	1,500	II
Super Skywagon/Super Skylane	C205	C205	1P/S	965	1,000	I
Titan 404	C404	C404	2P/S	2,600	2,000	II

CHAMPION (USA-see Bellanca Aircraft)**CONSTRUCCIONES AERONAUTICAS (CASA) (Spain)****(Also NURTANIO, NUSANTARA)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
C-212 Aviocar	CA21/CS12	C212	2T/S+	900	900	III

CHRISTEN INDUSTRIES, INC. (USA)**(Also AVIAT)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
A-1 Huskey	CIA1	HUSK	1P/S	1,500	1,500	I

COLEMILL (USA) (See BEECH, PIPER, CESSNA)

CURTIS-WRIGHT CORP. (USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Commando C-46 (CW-20)	CW20/ C46	C46	2P/L	600	700	III

DASSAULT-BREGUET (France)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Falcon 10, Mystere 10	DA01	FA10	2J/S+	2,300	1,600	III
Falcon 20/C thru F, Fan Jet Falcon (FJF), Mystere 20 (T-11)	DA02	FA20	2J/S+	2,000	2,400	III
Falcon 50, Mystere 50 (T-16)	DA05	FA50	3J/S+	1,800	1,600	III
Mystere Falcon 200, Falcon 20G/GF	DA20/ HU25	FA20	2J/S+	1,900	2,000	III
Falcon 900, Mystere 900 (T-18)	DA90	F900	3J/L	2,000	1,700	III

DEHAVILLAND (Canada/UK)**(Also AIRTECH, HAWKER-SIDDELEY, OGMA, RILEY, SCENIC)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Albatross	DH91	DELETE				
Beaver DHC-2	DH2/ U6	DHC2	1P/S	840	1,000	I
Buffalo DHC-5D/E	DH5/ C8	DHC5	2T/L	2,000	1,500	III
Caribou DHC-4	DH4/ C7	DHC4	2P/S+	1,350	1,000	III
Chipmunk DHC-1	DH1	DHC1	1P/S	900	1,000	I
Comet 2, DH-106	DH62	COMT	4J/L	2,950	2,000	III
Comet 4, DH-106	DH64	COMT	4J/L	2,850	2,000	III
DASH 7 DHC-7	DH7	DHC7	4T/L	4,000	4,000	III
DASH 8 DHC-8	DH8	DHC8	2T/L	1,500	1,500	III
Dove DH-104	DH10	DOVE	2P/S	1,420	1,420	II
Heron DH-114	DH11	HERN	4P/S	1,075	1,075	III
Otter DHC-3	DH3/ U1	DHC3	1P/S	750	1,000	I
Turbo Beaver DHC-2T	DH2T	DH2T	1T/S	1,220	1,000	I
Twin Otter DHC-6 (all series)	DH6/ U18	DHC6	2T/S	1,600	1,800	II

DIAMOND (Canada)**(Also HOAC)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
DV-20 Katana	DV20	DV20	1P/S	730	-	I

DORNIER GmbH (FRG)
(Also CASA, HINDUSTAN)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Do 27	DO27	DO27	1P/S	700	800	I
Do 28 A/B (Agur)	DO28	DO28	2P/S	1,500	1,500	II
Do 28D/D-1/D-2, 128-2 Skyservant	DO8D	D28D	2P/S	-	-	II
Do-28D-6, 128-6 Turbo Skyservant	DO8D	D28T	2T/S	-	-	II
Do 228-100 Series	DO81	D228	2T/S	2,000	2,000	II
Do 228-200 Series	DO82	D228	2T/S+	2,000	2,000	III
Do 328 Series	D328	D328	2T/L	2,000	2,000	III

EMBRAER (Brazil)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Bandeirante EMB-110/111	E110	E110	2T/S	1,500	1,500	II
Brasilia EMB-120	E120	E120	2T/ST	2,300	2,300	III
EMB-145	E145	E145	2J/L	2,350	-	III

FAIRCHILD INDUSTRIES (USA-includes Swearingen Aviation)
(Also CONAIR, FAIRCHILD-HILLER, FLEET, FOKKER, KAISER, PILATUS, SWEARINGEN)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Cornell	FA62	FA62	1P/S	650	650	I
Friendship F27, Troopship, Maritime, Firefighter	FA27	F27	2T/L	3,000	3,000	III
Flying Box Car	FA24/ C119	C119	2P/L	750	750	III
Merlin 2	SW2	SW2	2T/S	2,350	2,500	II
Merlin 3	SW3	SW3	2T/S+	2,350	2,500	III
Metro, Merlin 4	SW4	SW4	2T/S	2,400	2,500	III
Pilatus/Peacemaker/Porter	PL6/ AV23	PC6P	1P/S	580	600	I
Provider	C123	C123	2P/L	890	1,000	III
Thunderbolt II	A10A*	A10*	2J/L	6,000	5,000	III
Turbo Porter	PL6	PC6T	1T/S	580	600	I

FOKKER BV (Netherlands)
(Also FAIRCHILD, FAIRCHILD-HILLER)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Friendship F27, Troopship, Maritime, Firefighter	FK27	F27	2T/L	3,000	3,000	III
Fellowship F28	FK28	F28	2J/L	4,650	2,000	III

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Fokker 50, Maritime Enforcer	FK50	F50	2T/L	3,500	3,500	III
Fokker 100	FK10	F100	2J/L	3,500	3,500	III

FOXJET INTERNATIONAL INC. (USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
F600	FXJ	DELETE				

GATES LEARJET CORP. (USA)

(Also LEAR JET, LEARJET, SHIN MEIWA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Learjet 23	LR23	LJ23	2J/S	4,500	4,000	III
Learjet 24	LR24	LJ24	2J/S+	4,500	4,000	III
Learjet 25	LR25	LJ25	2J/S+	4,500	4,000	III
Learjet 28	LR28	LJ28	2J/S+	4,500	4,000	III
Learjet 29	LR29	LJ28	2J/S+	4,500	4,000	III
Learjet 31	LR31	LJ31	2J/S+	4,500	4,000	III
Learjet 35	LR35/ C21	LJ35	2J/S+	4,500	4,000	III
Learjet 36	LR36	LJ35	2J/S+	4,500	4,000	III
Learjet 55	LR55	LJ55	2J/S+	5,000	4,000	III
Learjet 60	LR60	LJ60	2J/S+	5,000	4,000	III

GENERAL DYNAMICS CORP. (USA)

(Also BOEING CANADA, CANADAIR, CANADIAN VICKERS, CONSOLIDATED, CONVAIR, FOKKER, KELOWNA, LOCKHEED, LOCKHEED MARTIN, MITSUBISHI, SABCA, SAMSUNG, TUSAS)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Canso/Catalina***	CV14/ PB5	CAT	2P/L	600	600	III
Convair 240	CV24	CVLP	2P/L	1,000	800	III
Convair 340, Liner, Samaritan	CV34/ C131	CVLP	2P/L	900	900	III
Convair 440	CV44	CVLP	2P/L	900	900	III
Convair 540/580	CV58	CVLT	2T/L	1,500	1,500	III
Convair 600	CV60	CVLT	2T/L	1,500	1,500	III
Convair 640	CV64	CVLT	2T/L	1,500	1,800	III
Convair 880	CV88	DELETE				
Convair 990	CV99	CV99	4J/L	2,500	2,500	III
F-111/FB-111	F111*	F111*	2J/L	5,000	5,000	III
Fighting Falcon	F16*	F16*	1J/L	8,000	5,000	III
Valiant	CV13	VALI	1P/S	600	750	I

GOVERNMENT AIRCRAFT FACTORIES (Australia) (Now GAF)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
N22B Nomad	N22B	NOMA	2T/S	1,300	1,100	II
N24A Nomad	N24A	NOMA	2T/S	1,300	1,100	II

GRUMMAN AEROSPACE CORP. (USA)

(Also AERO MOD, AMERICAN GENERAL, GRUMMAN AMERICAN, GULFSTREAM AMERICAN, MID-CONTINENT, NORTHROP GRUMMAN, SERV-AERO)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Albatross***	G64/ U16	U16	2P/S+	1,500	1,500	III
American TR/TS-2	AA2	AA1	1P/S	1,000	1,500	I
Cheetah AA-5, Traveller, Tiger	AA5	AA5	1P/S	660	1,000	I
Cougar G-93	G93/ F9*	DELETE				
Cougar GA-7	GA7	GA7	2P/S	1,600	1,500	II
Goose/Super Goose	G21	G21	2P/S+	1,000	1,000	III
Greyhound	C2	C2	2T/L	1,000	2,200	III
Hawkeye, Daya	E2	E2	2T/L	2,690	3,000	III
Intruder, Prowler	A6*	A6*	2J/L	7,500	5,000	III
Mallard***	G73	G73	2P/S+	1,600	1,600	III
Model G-164 Ag-Cat, Super Ag-Cat, King Cat	G164	G164	1P/S	1,500	1,500	I
Model G164 Turbo Ag-Cat	G164	G64T	1T/S	1,500	1,500	I
Mohawk	G134/ OV1	V1	2T/S	2,100	1,300	I
Tomcat	F14*	F14*	2J/L	6,000	4,000	III
Widgeon/Super Widgeon	G44	G44	2P/S+	1,000	1,500	III
Yankee AA-1B/C, Trainer, T-Cat, Lynx	AA1	AA1	1P/S	750	1,000	I

GULFSTREAM AEROSPACE CORP. (USA)

(Also GRUMMAN, GRUMMAN AMERICAN, GULFSTREAM, GULFSTREAM AMERICAN)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
GAC 159-C, Gulfstream 1	G159/ VC4	G159	2T/S+	2,000	2,000	III
Gulfstream 2	G2/ VC11	GULF	2J/L	5,000	4,000	III
Gulfstream 3	G3/ C20	GULF	2J/L	5,000	4,000	III
Gulfstream 4/5	G4	GULF	2J/L	5,000	4,000	III

HAMBURGER FLUGZEUBAU (FRG) (Now HFB)**(Also MBB)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
HFB-320 Hansajet	HF32	HF20	2J/S+	4,500	4,500	III

HANDLEY PAGE (UK)**(Also BRITISH AEROSPACE, JETSTREAM, SCOTTISH AVIATION, VOLPAR)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Jetstream HP-137/ Super 31	HP13	JSTA	2T/S	2,100	2,100	II

HAMILTON AVIATION (USA)**(Also VOLPAR)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Westwind 2/3, Turbo 18, Turboliner	WSW	B18T	2T/S	2,000	2,000	II

HELIO AIRCRAFT COMPANY (USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
H-250 Courier MarkII	HE25	COUR	1P/S	850	1,000	I
H-295 Super Courier	HE29/ U10	COUR	1P/S	1,000	1,500	I
H-391 Courier	HE39	COUR	1P/S	400	500	I
H-395 Super Courier	HE35	COUR	1P/S	500	650	I
H-550/A Stallion	HE55/ AU24	STLN	1T/S	2,200	2,200	I
H-580 Twin Courier	HE58	TCOU	2P/S	1,250	1,500	II
H-634	HE63	DELETE				

ILYUSHIN (USSR)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
IL-62	IL62	IL62	4J/H	3,500	2,500	III
IL-76 / 78	IL76	IL76	4J/H	3,000	2,500	III

ISRAEL AIRCRAFT INDUSTRIES (Israel)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
101 Avara, 102, 201, 202	RV01	ARVA	2T/S+	1,300	1,000	III
1123 Westwind	WW23	WW23	2J/S+	4,000	3,500	III
1124 Westwind	WW24	WW24	2J/S+	4,000	3,500	III
1124A Westwind 2	WW4A	WW24	2J/S+	4,000	3,500	III

ISRAEL AIRCRAFT INDUSTRIES & ASTRA JET (Israel/USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Astra 1125	AJ25	ASTR	2J/S+	4,000	3,500	III

LAKE AIRCRAFT (USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
LA-250 Renegade/ SeaFury***	LA25	LA25	1P/S	680	680	I
LA-250 Turbo Renegade/ Turbo SeaFury***, Seawolf	LA2T	LA25	1P/S	760	760	I
LA-4/A/B***	LA04	LA4	1P/S	1,000	1,000	I
LA-4-200 Buccaneer***	LA42	LA4	1P/S	1,200	1,000	I

LEARAVIA CORP. (USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Lear Fan 2100	LRF	DELETE				

LOCKHEED CORP. (USA)

(Also AERITALIA, CANADAIR, FIAT, FOKKER, HOWARD, LEAR, LOCKHEED-MARTIN, MBB, MESSERSCHMITT, MITSUBISHI, PACAERO, ROCKWELL, SABCA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
C-5 Galaxy	C5A	C5	4J/H	2,500	2,000	III
C-141 Starlifter	C141	C141	4J/H	3,500	3,000	III
Constellation 649	L649	CONI	4P/L	2,000	2,000	III
Constellation 749	L749	CONI	4P/L	2,000	2,000	III
Electra 188	L188/ P3	L188	4T/L	1,850	2,000	III

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
F-104 Starfighter	F104*	F104*	1J/L	5,000	4,000	III
L-1011 Tri-Star (all series)	L101	L101	3J/H	3,500	3,000	III
Lodestar	L18	L18	2P/L	1,800	2,000	III
Hercules, Spectre	L382/ C130	C130	4T/L	1,500	1,500	III
1329 Jetstar 6/8	L329/ C140	L29A	4J/L	4,000	3,500	III
1329-5 Jetstar 2/731	L295	L29B	4J/L	4,000	3,000	III
Orion, Aurora (L-185/285/685/785)	L188/P3	P3	4T/L	1,850	2,000	III
Starliner	L164	CONI	4P/L	1,500	1,500	III
Super Constellation	L49	CONI	4P/L	1,620	1,620	III
T-1 Sea Star	T1*	DELETE				
T-33, T-Bird	T33*	T33*	2J/L	2,000	2,000	III
F-80 Shooting Star	F80*	T33*	2J/L	2,000	2,000	III
TR-1 Trigull	TR1*	TR1*	1J/L	6,000	6,000	III
U-2	U2*	U2*	1J/S+	6,000	6,000	III
Viking S-3	S3A	S3	2J/L	2,000	2,000	III

MARTIN COMPANY (Division of Martin Marietta) (USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Martin 202	M202	DELETE				
Martin 404	M404	M404	2P/L	1,600	1,500	III

MAULE AIRCRAFT CORP. (USA)
(Also SAASA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
M-4 Strata-Rocket, Astro Rocket, Bee-Dee, Jetasen, Super Rocket	ML4	M4	1P/S	1,000	1,000	I
M-5 180C/200/235C Lunar-Rocket, 210TC Strata-Rocket, Patroller	ML5	M5	1P/S	1,000	1,000	I
M-6 Super-Rocket	ML6	M6	1P/S	1,500	1,000	I
M-7-235, MT-7, MX-7-160/180/235, MXT-7-160/180 Super Rocket, Star Rocket	-	M7	1P/S	825	-	I
M-7-420, MX-7-420, MXT-7-420 Star Craft	-	M7T	1T/S	4,500	-	I

MCDONNELL-DOUGLAS CORP. (USA)**(Also ASTA, DOUGLAS, GAF, LISUNOV, MITSUBISHI, ON MARK, SHANGHAI, VALMET)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
DC-6/B Liftmaster	DC6/ C118	DC6	4P/L	1,000	1,000	III
DC-7/B/C Seven Seas	DC7	DC7	4P/L	1,250	1,250	III
DC-8 (all series), Jet Trader	DC8	DC8	4J/L	3,000	3,000	III
DC-9, Skytrain 2, Nightingale	DC9/ C9/VC9	DC9	2J/L	3,000	3,000	III
MD-80 Series	MD8	MD80	2J/L	3,500	3,000	III
DC-10 (all series)	DC10/ KC10	DC10	3J/H	2,400	2,000	III
F-15 Eagle	F15*	F15*	2J/L	8,000	5,000	III
F/A-18 Hornet	F18/A18	F18	2J/L	8,000	6,000	III
Globemaster 3	C17	C17	4J/H			III
Invader	B26	B26	2P/L	1,000	1,000	III
MD-11	MD11	MD11	3J/H	-	-	III
MD-90	-	MD90	2J/L	-	-	III
Phantom 2	F4*/RF4*	F4*	2J/L	8,000	6,000	III
Skyhawk	A4*/OA4/ TA4	A4*	1J/L	5,000	5,000	III
Skymaster	DC4/ C54	DC4	4P/L	2,300	2,300	III
Skynight	F10*	DELETE				
Skytrain (C-47, C-53, C-117 A/B/C, R4D 1 to 7)	DC3/ C47/ VC47	DC3	2P/S+	1,200	1,200	III
Skywarrior	A3*	A3*	2J/L	5,000	6,000	III
Super DC-3 (C-117D, R4D 8)	DC3S/ C117	DC3S	2P/S+	1,330	1,330	III
Super DC-8 Series, Jet Trader	DC8S	DC8	4J/H	5,500	5,500	III

MESSERSCHMITT-BOLKOW-BLOHM (MBB) (FRG)**(Also BOLKOW, HFB, NORD)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
BO 209 Monsun	ME29	B209	1P/S	1,100	1,100	I
HFB 320 Hansa Jet	ME32	HF20	2J/S+	3,500	3,000	III
ME 108 Taifun	ME08	ME08	1P/S	400	500	III

MITSUBISHI AIRCRAFT INTERNATIONAL INC. (USA/Japan)**(Also BEECH, RAYTHEON)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Mitsubishi Diamond I/MU-300	MU3	MU30	2J/S+	3,500	4,000	III
Mitsubishi MU-2	MU2	MU2	2T/S	3,500	3,000	II
MU-2B-40 Solitaire	MU24	MU2	2T/S	4,000	3,000	II
MU-2B-60 Marquise	MU26	MU2	2T/S	4,000	3,000	II

MOONEY AIRCRAFT CORP. (USA)**(Also AEROSTAR)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
M-18 Mooney Mite, Wee Scotsman	MO18	MITE	1P/S	750	750	I
Mark 10 Cadet	MO10	M10	1P/S	800	800	I
Mark 20/200/201/202/205/220/231/252	MO20	M20	1P/S	1,000	1,000	I
Mark 21/Mooney Ranger	MO21	M20	1P/S	1,000	1,000	I
Mark 22, Mustang	MO22	M22	1P/S	1,300	1,300	I
Mooney 201/M20J	MO2J	M20	1P/S	1,000	1,000	I
Turbo Mooney 231/M20K	MO2K	M20	1P/S	1,500	1,200	I

MUDRY (See AVIONS MUDRY ET CIE)**NAVION RANGEMASTER AIRCRAFT CORP. (USA)****(Also CAMAIR, RILEY, TEMCO)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Rangemaster	NA1	RANG	1P/S	1,250	1,500	I
Twin Navion 480, 55	NA16	TNAV	2P/S	1,800	1,500	II

NIHON KOKUKI SEIZO KABUSHIKI KAISHA & NATIONAL AEROPLANE MANUFACTURING COMPANY**(Japan) (Now NAMC)****(Also MITSUBISHI)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
YS-11	YS11	YS11	2T/L	1,500	1,500	III

NOORDYUN AVIATION LTD. (Canada)**(Also CCF)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Norseman Mk 4	NO4	NORS	1P/S	700	1,000	I
Norseman Mk 5	NO5	NORS	1P/S	700	1,000	I
Norseman Mk 6	NO6	NORS	1P/S	800	1,000	I

NORD AVIATION (Affiliate of Aerospatiale) (France)
(Also HOLSTE, NORDFLUG, TRANSALL)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Martinet NC701/702	MART	DELETE				
Mohawk 298, Fregate	ND26	N262	2T/S+	2,500	2,000	III
Nortatlas 2501 to 2508	NORD	NORA	2P/L	1,500	1,500	III
Super Broussard 260	ND26	N260	2T/S+	2,500	2,000	III
Transall C-160	ND16	C160	2T/L	2,000	2,000	III

NORTHERN AVIATION (USA-see Bellanca)

NORTHROP CORP. (USA)

(Also CANADAIR, CASA, AIDC, F+W EMMEN, KOREAN AIR)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Freedom Fighter Tiger II	F5*	F5*	2J/S+	8,000	5,000	III
T-38 Talon	T38*	T38*	2J/S+	8,000	5,000	III

PARTENAVIA COSTRUZIONI AERONAUTICHE SpA (Italy)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
P66/64 Charlie, Oscar	PN66	OSCR	1P/S	800	1,000	I
P68/B/C/-TC, Victor, Observer/P68R	PN68	P68	2P/S	1,200	1,000	I

PARTENAVIA & AERITALIA (Italy)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
AP68TP-300 Spartacus	PN6P	P68T	2T/S	1,500	1,500	II
AP68TP-600, Viator	PN6P	VTOR	2T/S	1,500	1,500	II

PIAGGIO (Industrie Aeronautiche E Meccaniche Rinaldo Piaggio SpA) (Italy)
(Also PIAGGIO-DOUGLAS, TRECKER)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
P136 Gull***	P136	P136	2P/S	1,250	1,500	II
P166 Portofino***, Albatross	P166	P66P	2P/S	1,350	1,500	II
Vespa Jet PD808	P808	P808	2J/S+	4,000	3,500	III

PILATUS FLUGZEUGWERKE AG (Switzerland)
(Also FAIRCHILD, FAIRCHILD-HILLER)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
PC-6 Porter	PL6	PC6P	1P/S	600	600	I
PC-6A/B/C Turbo Porter	PL6A	PC6T	1T/S	1,250	1,500	I
PC-7 Turbo Trainer	PL7	PC7	1T/S	2,800	-	I
PC-12	-	PC12	1T/S	1,900	-	I

PIPER AIRCRAFT CORP. (USA)

(Also AEROSTAR, AICSA, CHINCUL, COLEMILL, EMBRAER, INDAER CHILE, JOHNSTON, MACHEN, MILLER, NIEVA, SCHAFFER, SEGUIN, PZL-MIELEC, TED SMITH, WAGAERO)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Aero Star 600/700	PA60	AEST	2P/S	1,500	1,500	II
Apache 150/160	PA23	PA23	2P/S	1,050	1,000	II
Aztec. Turbo Aztec	PAZT/ U11	PA27	2P/S	1,500	1,500	II
Brave, Pawnee Brave, Super Brave	PA36	PA36	1P/S	800	1,000	I
Cherokee, Archer, Dakota, Turbo Dakota, Warrior, Cadet, Cruiser, Pathfinder	PA28/ T35	PA28	1P/S	750	1,000	I
Cherokee Arrow 2/3, Turbo Arrow 3	PA28	P28R	1P/S	750	1,000	I
Cherokee Arrow 4, Turbo Arrow 4	PARO	P28T	1P/S	900	1,000	I
Cherokee Six, Lance, (Turbo) Saratoga	PA32	PA32	1P/S	850	1,000	I
Cherokee Lance PA-32R, Saratoga SP, Turbo Saratoga SP	PA32	P32R	1P/S	850	1,000	I
Cheyenne 2	PAYE	P31T	2T/S	2,400	2,000	II
Cheyenne 1	PA41	P31T	2T/S	2,200	2,000	II
Cheyenne 3/400	PA42	PA42	2T/S	2,400	2,000	II
Chieftan, Mohave, Navajo, T-1020	PA31	PA31	2P/S	1,500	1,500	II
Clipper	PA16	PA16	1P/S	500	500	I
Comanche	PA24	PA24	1P/S	900	1,000	I
Cruiser, J-5 Cub Cruiser	PA5	J5	1P/S	500	500	I
Cub Special	PA11	PA11	1P/S	500	500	I
Cub Trainer, J-2 Cub	PA2	J2	1P/S	500	500	I
Family Cruiser	PA14	PA14	1P/S	600	600	I
Lance 2, Turbo Lance 2	PA32	P32T	1P/S	850	1,000	I
Malibu, Malibu Mirage	PA46	PA46	1P/S	1,000	1,000	I
Pacer	PA20	PA20	1P/S	850	1,000	I
Pawnee	PA25	PA25	1P/S	650	650	I
Pillan PA-28R-300	T35	PILL	1P/S	750	1,000	I
Seminole, Turbo Seminole	PA44	PA44	2P/S	1,100	1,000	II
Seneca 2	PASE	PA34	2P/S	1,300	1,300	II

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Seneca 3	PA34	PA34	2P/S	1,300	1,300	II
Super Cruiser	PA12	PA12	1P/S	600	600	I
Super Cub	PA18/ U7	PA18	1P/S	1,000	1,000	I
T-1040	PAT4	P31T	1P/S	1,300	1,200	I
Tomahawk	PA38	PA38	1P/S	750	750	I
Tri-Pacer, Colt, Caribbean	PA22	PA22	1P/S	1,000	1,000	I
Twin Comanche, Turbo Twin Comanche	PA30	PA30	2P/S	1,500	1,500	II
Vagabond	PA17	PA17	1P/S	500	500	I
Vagabond Trainer	PA15	PA15	1P/S	500	500	I

PITTS AEROBATICS (Manufactured by Christen Industries, Inc.)(USA)
(Also AEROTEK, AVIAT, CHRISTEN)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
S-1 Special	PIS1	PTS1	1P/S	1,500	1,500	I
S-2 Special	PIS2	PTS2	1P/S	1,500	1,500	I

RAYTHEON (See BEECH)

RILEY AIRCRAFT CORP. (USA)
(Also AVIONES, COLOMBIA, CESSNA, COLEMILL)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
M65 Rocket, Turbo Rocket, Super 310	RY65	C310	2P/S	1,500	1,500	II

ROCKWELL INTERNATIONAL CORP. (USA)
(Also AERO COMMANDER, CANADAIR, CCF, COMMANDER, COMMONWEALTH, GULFSTREAM, HAMILTON, MITSUBISHI, NOORDUYN, NORTH AMERICAN PACAERO, PACIFIC AIRMOTIVE, ROCKWELL, RYAN, SUD, TUSCO)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Aero Commander 112	AC12	CM11	1P/S	1,000	1,200	I
Grand Commander 685/680FL	AC85	AC6L	2P/S	1,500	1,500	II
Turbo Commander 695/ 690/680T	AC95	AC6T	2P/S	1,500	1,500	II
Alti-Cruiser	AC72	AC72	2P/S	1,300	1,300	II
Lancer	B1*	B1*	4J/H	3,000	5,000	III
Bronco	OV10*	V10*	2T/S	2,000	2,500	II
Buckeye	T2*	T2*	2J/L	5,700	6,000	III
Commander 112A	AC2A	CM11	1P/S	1,000	1,200	I

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Commander 112TC	AC2T	CM11	1T/S	1,200	1,500	I
Commander 114	AC14	CM11	1P/S	1,000	1,500	I
Commander 200	AC20	M200	1P/S	1,400	1,000	I
Commander 500	AC50	AC50	2P/S	1,340	1,500	II
Commander 520	AC52	AC52	2P/S	1,340	1,500	II
Commander 560	AC56	AC56	2P/S	1,400	1,500	II
Darter 100	AC10	VO10	1P/S	850	850	I
Grand Commander 680FL	AC60	AC6L	2P/S	1,250	1,250	II
Jet Commander 1121	AC21	JCOM	2J/S+	5,000	4,500	III
Jet Commander 840/980/1000	AC84	AC6T	2T/S	2,500	2,500	II
Jet Prop Commander	AC69	AC6T	2T/S	2,500	1,500	II
Lark 100 Commander	LARK	LARK	1P/S	700	1,000	I
Mitchell	B25	B25	2P/L	980	980	III
Mustang	P51	P51	1P/S	2,500	2,500	III
Navion NA 145/154	N145	NAVI	1P/S	750	600	I
Sabre	F86*	F86*	1J/L	4,000	4,000	III
Sabreliner 65/40/50/60	N265/ T39	SBR1	2J/S+	4,000	3,500	III
Super Commander 680S/E/F/FP	AC68/ U4	AC68	2P/S	1,375	1,375	II
Super Sabre F-100	F100*	SSAB	1J/L	4,000	4,000	III
Texan, Harvard	N6/ T6	T6	1P/S	800	800	I
Trojan, Nomair, Nomad	T28	T28	1P/S	2,500	2,500	I
Turbo Commander 690C	AC6T	AC6T	2T/S	2,500	3,000	III

SAAB & FAIRCHILD INDUSTRIES (Sweden/USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
SF-340	SF34	SF34	2T/L	2,000	2,000	III

SHORT BROTHERS LTD. (UK)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Shorts 330, Sherpa	SH33	SH33	2T/S+	1,380	1,380	III
Shorts 360	SH36	SH36	2T/S+	1,400	1,400	III
Shorts SC7 Skyvan, Skyliner	SH7	SC7	2T/S	1,500	1,500	II

SIAI MARCHETTI SpA (Italy)**(Also AGUSTA)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
SF260TP	M260/ SM6T	F26T	1T/S	1,800	1,100	I
F600, SF-600TP Canguero	SF60/ SM60	F600	2T/S	2,100	-	II

SILVAIRE (USA)**(Also LUCSOME, TEMCO)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Luscombe Silvaire	SL8	L8	1P/S	900	1,000	I

SOCATA (See AEROSPATIALE)**STINSON (USA)****(Also PIPER)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Reliant (Vultee) V-77	ST77	RELI	1P/S	700	700	I
Voyager/Station Wagon 108	ST75	S108	1P/S	750	1,000	I
Voyager 10/105	ST75	S10	1P/S	750	1,000	I

SUD AVIATION (See Aerospatiale)**SWEARINGEN AVIATION (USA-see Fairchild Industries)****TAYLORCRAFT AVIATION CORP. (USA)****(Also TAYLOR KITS)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
F-15 Tourist, Foursome	TC15	TA15	1P/S	800	1,000	I
F-19 Sportsman	TC19	TF19	1P/S	800	1,000	I
F-20A Topper, Ranchwagon, Seabird, Zephyr	TC20	TA20	1P/S	1,000	1,000	I
F-21, T-Kraft	TC21	TF21	1P/S	1,100	1,100	I

TED SMITH AEROSTAR CORP. (USA)**(Also AEROSTAR, AICSA, MACHEN, PIPER)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Aero Star	TS60	AEST	2P/S	1,800	1,500	II

VFW-FOKKER (Zentralgesellschaft VFW-Fokker mbH (FRG/Netherlands))

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
VFW 614	VF14	VF14	2J/L	3,100	3,000	III

VOUGHT CORP. (USA)**(Also GLOBE, LTV, TEMCO)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Corsair A-7, TA-7, EA-7	A7*	A7*	1J/L	8,000	6,000	III
Swift	GC1	GC1	1P/S	1,000	1,000	I

ZENAIR (Canada)**(Also ZENITH)**

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
CH-2000 Zenith	-	CH2T	1P/S	780	-	I

Appendix B

AIRCRAFT INFORMATION

Helicopters/Rotorcrafts

TYPE ENGINE ABBREVIATIONS

P	piston
T	jet/turboprop
J	jet

CLIMB AND DESCENT RATES

Climb and descent rates based on average en route climb/descent profiles at median weight between maximum gross takeoff and landing weights.

AEROSPATIALE (France)

(Also ATLAS, CASA, CHANGHE, EUROCOPTER, HELIBRAS, HINDUSTAN, IAR, ICA, NURTANIO, NUSANTARA, REPUBLIC, SINGAPORE, SUD, WESTLAND)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Lama SA-315	HR15/ H315	LAMA	1T/S	1,000	1,000	I
Alouette 2	HR30/ S313	ALO2	1T/S	1,280	1,280	I
Alouette 3	HR60/ S316/ S319	ALO3	1T/S	1,500	1,500	I
Dauphine SA-360/361	HR36/ S360	S360	1T/S	1,400	1,500	I
Dauphine 2 SA-365C	HR3C/ HH65/ S366	S65C	2T/S	1,800	1,000	I
Ecurevil/AStar AS-350/550	HR35/ S350/ H350	AS50	1T/S	1,000	1,000	I
Gazelle SA-341/342	HR34/ S342	GAZL	1T/S	1,620	1,620	I
Puma SA-330 (CH-33, HT-19)	HR33/ S330	PUMA	2T/L	1,250	1,500	I
Super Puma AS 332/532, SA-330)	HR33/ S332	AS32	2T/L	1,250	1,500	I
Super Frelon SA-321/Z-8	HR32/ S321/ SFRL	FREL	3T/L	1,200	1,500	I
Twin Star AS-355/555	HR55/ S355	AS55	2T/S	1,350	1,300	I

AUGUSTA (Constuzioni Aeronautiche Giovanni Agusta SpA) (Italy)

(Also BELL, NUSANTARA, SABCA)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Model 147J-3B-1, Ranger	A47J	B47J	1P/S	500	500	I
Model A 109/A/A-II	A109	A109	2T/S	1,620	1,500	I
Model 212 ASW, Griffon	A212	B12	2T/S	1,420	1,420	I

SRS

SRS means "same runway separation;" categorization criteria is specified in para 3-10-3, SAME RUNWAY SEPARATION.

MANUFACTURERS

Listed under the primary manufacturer are other aircraft manufacturers who also make versions of some of the aircraft in that group.

BELL/BOEING

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Osprey	V22	V22	2P/L	-	-	II

BELL HELICOPTER TEXTRON (USA)

(Also AGUSTA, AIDC, COMMONWEALTH, DORNIER, FUJI, GLOBAL, KAWASAKI, NUSANTARA, TROOPER, UNC, WESTLAND)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Biglifter, Bell 204,205,214A/B, AB-204	BH14	UH1	1T/L	1,500	1,500	I
Cobra	BH09/ AH1	HUCO	1T/S	1,375	1,375	I
Jet Ranger/Long Ranger/ Sea Ranger/Kiowa/Model 206, Combat Scout	BH06/ H57/ OH58	B06	1T/S	1,200	1,000	I
Huey/Iroquois/Model 205 A-1	BH05/ UH1	UH1	1T/S	1,500	1,500	I
Ranger Model 47J	BH47/H13	B47J	1P/S	1,000	1,000	I
Sioux/Model 47G, OH-13	BH47/ H13	B47G	1P/S	1,000	1,000	I
Twin Huey, Model 212, Model 214B/B-1, Model 412, Griffon	BHTH/ UH1N/ BH41/ BH12	B12	2T/S	1,420	1,420	I
Model 214ST, Super Transport	BHTH/ UH1N/ BHST	BSTP	2T/S	1,420	1,420	I
Model 222, 230, 430	BH22	B222	2T/S	1,500	1,000	I

BOEING VERTOL COMPANY (USA)

(Also BOEING HELICOPTERS, KAWASAKI, MERIDIONAL, VERTOL)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Chinook, Model 234	HV47/ CH47/ HV34	H47	2T/L	1,500	1,500	I
Sea Knight 107, CH-113, Labrador	HV07/ CH46	H46	2T/L	2,130	2,130	I

BOLKOW (Germany)

(Also CASA, EUROCOPTER, MBB, MESSERSCHMITT-BOLKOW, NURTANIO, NUSANTARA, PADC)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Model 105, BO-105	B105	B105	2T/S	1,500	1,500	I

BRANTLEY-HYNES HELICOPTER, INC. (USA)**(Also BRANTLEY, HYNES)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Model B-2/A/B, H-2	HB42	BRB2	1P/S	1,400	1,400	I
Model 305	HB43	B305	1P/S	1,300	1,300	I

ENSTROM CORP. (USA)**(Also WUHAN)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Falcon/Model F-28/A/C/F, Sentinel/Model F-28-FP, Model 280, Shark	HF28/ EH28	EN28	1P/S	800	800	I
Shark/Model 280FX, 28, Falcon, Sentinel	HF80/ EH80	EN28	1P/S	1,200	1,200	I
Turbo Shark 480, TH-28	HF8C	EN48	1P/S	1,500	1,500	I

FAIRCHILD/REPUBLIC (includes Hiller) (USA)**(Also FAIRCHILD HILLER, ROGERSON HILLER)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Hiller UH-12/Raven, HTE	HH12/ OH23	UH12	1P/S	1,500	1,500	I

HILLER (See FAIRCHILD/REPUBLIC (USA))**HUGHES HELICOPTERS (See MCDONNELL-DOUGLAS HELICOPTERS (USA))****KAMAN AEROSPACE CORPORATION (USA)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
H-2 Seasprite, Super Seasprite	H2	H2	2T/L	2,400	2,400	I
Huskie 600-3/5	HK60/ H43	H43B	1T/L	2,000	2,000	I

KAWASAKI HEAVY INDUSTRIES LTD. (Japan)**(Also BOEING VERTOL, VERTOL)**

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
KV-107/II, Sea Knight, Labrador, Voyager, CH- 113	KH17/ KH07	H46	2T/L	1,500	1,500	I

MCDONNELL-DOUGLAS HELICOPTERS (includes Hughes Helicopters) (USA)
(Also AGUSTA, BREDANARDI, KAWASAKI, KOREAN AIR, NARDI, RACA, SCHWEIZER)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Model 77/Apache, Pethen, Longbow Apache	HU64/ AH64	H64	2T/L	1,500	1,500	I
Model 269, 200, 280, 300, Skynight, TH-55 Osage	HU26	H269	1P/S	1,000	1,000	I
Model 300/C	HU30	H269	1P/S	1,200	1,200	I
Model 500C, 369, 530F, Defender, Black Tiger, Night Fox, Lifter	HU50	H500	1P/S	1,500	1,500	I
Osage	H55	H269	1P/S	1,000	1,000	I
Pawnee, Model 369, Model 500D/MD/MG	HU35/ OH6/ HU50	H500	1T/S	1,500	1,500	I

MESSERSCHMIDTT-BOLKOW-BLOHM (MBB) (FRG)
(Also BOLKOW, CASA, EUROCOPTER, MBB, NURTANIO, NUSANTARA, PADC)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Model BO 105	HM05/ MBH5	B105	2T/S	1,200	1,200	I

MBB/KAWASAKI (FRG/Japan)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Model BK 117	HM17/ MDK7/ MBK7/ KH17	BK17	2T/S	1,500	1,500	I

ROBINSON HELICOPTER COMPANY INC. (USA)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Model R22	HR22/ RH22	R22	1P/S	800	800	I

SCHWEIZER AIRCRAFT CORP. (USA)
(Also BREDANARDI, HUGHES, KAWASAKI, NARDI)

Model	Type Designator		Description	Performance Information		
	Old Designator(s)	New Designator		Number & Type Engines/Weight Class	Climb Rate (fpm)	Descent Rate (fpm)
Model 269C, 200, 280, 300, Skynight	HT26	H269	1P/S	1,000	1,000	I

SIKORSKY AIRCRAFT (USA)

(Also AGUSTA, ASTA, HAWKER DE HAVILLAND, HELIPRO, KOREAN AIR, MITSUBISHI, TUSAS, UNITED CANADA, VAT, WESTLAND)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
Blackhawk S-70, WS-70, Seahawk, Pavehawk, Rescue Hawk, Thunderhawk, Jayhawk, Ocean hawk, Desert hawk, Yanshuf	SK70/ H60	H60	2T/L	2,000	2,000	I
Chickasaw S-55, H-19, HO4S, HRS	SK55/ H19	S55P	1P/S	800	1,000	I
Choctaw/Seashore/Seaboat S-58, CH-34	SK58/ H34	S58P	1P/L	1,120	1,120	I
LAMPS MK3, Blackhawk	SH60	H60	2T/L	2,000	2,000	I
Model S-51	SK51	S51	1P/L	1,000	1,000	I
Model S-52, Hummingbird	SK52	S52	1P/L	950	1,000	I
Model S-59	SK59	DELETE				
Model S-62	SK62/ H52	S62	1T/S	1,020	1,000	I
Model S-69	SK69/ H59	DELETE				
Model S-76, Spirit, Eagle	SK76	S76	2T/S	1,300	1,300	I
Mojave S-56	SK56/ H37	DELETE				
S-61R (CH-3, HH-3, Pelican)	SK61/H3	S61R	2T/L	1,500	1,500	I
S-61A/B/D/L/N Sea King, Commando, CH-124	SK61/ H3	S61	2T/L	1,500	1,500	I
Sea Stallion S-65, Yasur	SK65/ H53	H53	2T/L	1,500	1,500	I
Skycrane S-64E/F, Tarhe S- 64	SK64/ H54	S64	2T/L	1,300	1,300	I

WESTLAND HELICOPTERS LTD. (UK)

Model	Type Designator		Description Number & Type Engines/Weight Class	Performance Information		
	Old Designator(s)	New Designator		Climb Rate (fpm)	Descent Rate (fpm)	SRS Cat.
WG 30	WL30	WG30	2T/S	1,200	1,200	I