

11-494.4
DOT LIBRARY,
30A TECH PUB UNIT
800 INDEPENDENCE AVE SW
WASHINGTON, DC 20591

AC 61-89A

DATE 12/22/81

ADVISORY CIRCULAR



DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration
Washington, D.C.

FILE

Subject: PILOT CERTIFICATES: AIRCRAFT TYPE RATINGS

1. **PURPOSE.** This advisory circular (AC) provides pilot certificate designations adopted by the Federal Aviation Administration for aircraft type ratings. It incorporates all revisions to previous listings, including new designations for aircraft type certificated as of November 1981.

2. **CANCELLATION.** AC 61-89, Pilot Certificates: Aircraft Type Ratings, dated April 9, 1979, is canceled.

3. **BACKGROUND.** Pilot schools, pilot examiners, and the general aviation public have a continuing need for a type rating reference such as that provided by this circular. It is designed to standardize aircraft designations placed on pilot certificates to show pilot type rating qualifications.

a. The designations in column 4 of Appendix 1 have been entered on all pilot certificates issued or reissued with aircraft type ratings since May 1, 1977.

b. Previously used designations listed in column 3, Appendix 1, will remain in effect and will not require a reissuance or conversion to the new type rating designations in effect as of November 1, 1981.

c. Appendix 2 specifies the use of the limitation area on the airman certificate for operational restrictions associated with type ratings.

A handwritten signature in dark ink, reading 'Kenneth S. Hunt'.

KENNETH S. HUNT
Director of Flight Operations

Initiated by: AFO-840

WASHINGTON, DC 20535
NO BVA T OHSUUS FROM 003
FOR THE HOUSE OF
REPRESENTATIVES

FILE

12/22/81

AC 61-89A
Appendix 1PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS--AIRPLANES.

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Aero Commander, Div. North American Rockwell Corp., USA	1121 Jet Commander Westwind	AC-1121 CJ-1123	IA-JET
Aerospatiale, France	SN 601 Corvette		SN-601
Armstrong Whitworth Aircraft, LTD., UK	Argosy AW 650	Armstrong Whit- worth AW-650	AW-650
Boeing Co., USA	B-17 247-D 314 S-307, SA-307 377, C-97, YC-97 707, 720, C-135 727 737 747, 747SP	Boeing B-17 Boeing 247 Boeing 314 Boeing 307 Boeing 377 Boeing 707/720 Boeing 727 Boeing 737 Boeing 747	B-17 B-247 B-314 B-307 B-377 B-707 B-720 B-727 B-737 B-747
Breguet, France	Fauvette 905A		BG-905
Bristol Aircraft LTD., UK	Britannia 305		BR-305
British Aircraft Corp., UK	BAC 1-11	BAC-1-11	BA-111
B/A Concorde	Concorde SST		CONCRD
Bushmaster Aircraft	Bushmaster 2000		BU-2000
Canadair, LTD. Canada	CL-44, OC-6 CL-215-IA10 (Challenger) CL-600 (Challenger)	Canadair	CL-44 CL-600
Cessna Aircraft Corp., USA	Cessna 500 Series (Citation)		CE-500
Chase (also Roberts Aircraft Co.), USA	YC-122	Chase YC-122	YC-122

12/22/81

PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS—AIRPLANES CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Consolidated Vultee Aircraft	(See General Dynamics Corp.)		
Convair	(See General Dynamics Corp.)		
Construções Aeronauticas S.A.	CASA (Model) C-212-CB		CA-212
Curtiss-Wright Corp., USA	Commando CW-20	Curtiss-Wright C-46	CW-46
Dart Aircraft Corp.	(See General Dynamics Corp.)		
Dassault, General Aeronautique Marcel, Dassault, France	Mystere 20 Falcon, Fan Jet	GAMD/SUD-20	DA-20
	Mystere 10 Falcon, Fan Jet		DA-10
	Falcon 50 (Tri-jet)		DA-50
deHavilland Aircraft of Canada Ltd., Canada (See Hawker Siddeley	Caribou 4A, USAF C-7A, Army CV-2	deHavilland Caribou DH-4	DH-4
	DHC-7		DHC-7
Dee Howard Co., USA	Howard 500	Howard 500	HW-500
Douglas Aircraft Co.	(See McDonnell Douglas)		
Empresa Brasileira de Aeronautica, Brazil	EMB-110P1, P2, P3		EMB-110
Fairchild Aircraft Corp., USA	C-119C		FA-119C

12/22/81

AC 61-89A
Appendix 1

PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS—AIRPLANES CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Fairchild Aircraft Corp., USA and Fokker, Netherlands	Friendship F-27 F-227	Fairchild F-27/227	F-27
Fairchild Hiller	C-82A		C-82A
Fokker, Netherlands	Fellowship F-28 (Models 1000 & 4000)		FK-28
Ford Motor Corp., USA	Tri-Motor 4-AT 5-AT	Ford 5	FO-5
Gates Learjet Corp., USA	23, 24, 25, 35, 36 and 50 Series	LR-23, LR-24, LR-25 LR-35, LR-36	LR-JET
General Dynamics Corp., USA	PB2Y, PB2Y-5	Consolidated-Vultee PB2Y	CV-PB2Y
	PB4Y-2, QP-4B	Consolidated-Vultee P4Y	CV-P4Y
	PBY-5, 28-4, 28-5	Consolidated-Vultee PBY-5	CV-PBY-5
	LB-30, C-87A	Consolidated-Vultee LB-30	CV-LB30
	240, 340, 440, T-29, C-131	Convair 240/340/440	CV-240, CV-340, CV-440
	22, 22M (880) (990)	Convair 880/990	CV-880, CV-990
	Napier-Eland	Napier-Eland Convair	CV-N1, CV-N2
	Mark I, Mark II Allison Propjet	Mark I/II	
	Convair 340, 440, 580	Allison 340/440	CV-A340, CV-A440
	Dart Convair 240, 340, 440	Convair 600/640	CV-600, CV-640

12/22/81

PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS--AIRPLANES CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Groupement d'Interet Economique Airbus Industrie, France	A 300B Airbus		A-300
Grumman Aircraft Engineering Corp., USA	TBF, TBM, AF-2S (ref. T. O. AR-36)	Grumman TBF	G-TBM
	G-64 Albatross		G-111
	G-73 Turbo Mallard (Frakes Conversion)	FS-73T	G-73T
	G-73 Mallard	Grumman G-73	G-73
	S2F/C1A		G-S2
	G-159 Gulfstream VC-4A, TC-4C	Grumman G-159	G-159
	G-1159 Gulfstream	Grumman G-1159	G-1159
Hamburger Flug- Zeubau, G.M.B.H., West Germany	Hansa Jet 320		HF-320
Handley Page Air- craft Co., Ltd., UK	Herald 300	Handley Page 300	HP-300
Hawker Siddeley Aviation Ltd., UK	DH-125	Hawker Siddeley	HS-125
	DH-106, Comet 4C	deHavilland 4C	HS-106
	DH-114 Heron	Hawker Siddeley	HS-114
	Hawker Siddeley 748		HS-748
Howard Aero Corp.	(See Dee Howard Co.)		

PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS--AIRPLANES CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Israel Aircraft Ltd., Israel	Commodore Jet 1123	AC-1121 CJ-1123	IA-JET
	Westwind 1124 (See Aero Commander)		
	ARAVA IA-101B		IA-101
Lockheed Aircraft Corp., USA	Lightning P-38	Lockheed P-38	L-P38
	B-34, PV-1, PV-2	Lockheed B-34	L-B34
	Series 14	Lockheed 14	L-14
	18, C-57, C-60, R-50, Learstar	Lockheed 18	L-18
	Constellation	Lockheed Constellation	L-1049
	Electra 188, P-3	Lockheed 188	L-188
	Jetstar 1329, C-140 Jetstar 11, 1329-25	Lockheed 1329	L-1329
	382, C-130	Lockheed 382	L-382
	300, C-141	Lockheed 300	L-300
	L-1011 Tristar		L-1011
Martin-Marietta Corp., USA	B-26 Marauder	Martin B-26C	M-B26
	PBM-5, C-162	Martin PBM-5	M-PBM-5
	Mariner/202, 404	Martin 202/404	M-202, M-404
McDonnell Douglas Aircraft Corp., USA	AD-4N		AD-4N
	A-20	Douglas A-20	DC-A20
	A-24, SBD	Douglas A-24	DC-A24

12/22/81

PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS—AIRPLANES CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
McDonnell Douglas Aircraft Corp., USA	B-26	Douglas B-26	DC-B26
	B-18	Douglas B-18	DC-B18
	B-23, UC-67	Douglas B-23	DC-B23
	DC-2, C-32, C-34 C-39, C-42	Douglas DC-2	DC-2
	DC-3, C-47, C-117	Douglas DC-3	DC-3
	Super DC-3, C-117D	Douglas DC-3S	DC-3S
	DC-4, C-54	Douglas DC-4	DC-4
	DC-6, DC-7, C-118	Douglas DC-6, DC-7	DC-6, DC-7
	DC-8	Douglas DC-8	DC-8
	DC-9, DC-9-50	Douglas DC-9	DC-9
	DC-10		DC-10
Mitsubishi Aircraft International, Inc.	Diamond I		MU-300
Morane-Saulnier, France	MS760	Morane-Saulnier MS-760	MS-760
Nihon Aeroplane Manufacturing Co., Ltd., Japan	YS-11	NAMC YS-11	YS-11
Nord Aviation, France	262A Super Broussard, ND 262/262 FM, Mohawk 298	Nord 262	ND-262
North American Rockwell Corp., USA	B-25 Mitchell	North Amercian B-25	N-B25
	NA-265 Sabreliner T-39	North American NA-265	N-265

12/22/81

AC 61-89A
Appendix 1PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS--AIRPLANES CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Northrop Corp., USA	P-61 Black Widow	Northrop P-61	NH-P61
Piaggio, Italy	Piaggio-Douglas 808	Piaggio Douglas PD-808	P-808
Short Brothers and Harland Ltd., Northern Ireland (UK)	SD3-30 Variant 200		SD3-30
Sikorsky Aircraft Division of United Aircraft Corp., USA	VS-44AC-32, C-34	Sikorsky VS-44	SK-44
	S-43 Series	Sikorsky S-43	SK-43
Sud Aviation, France	Se Caravelle I, II, VIR	SUD 210	S-210
Swearingen Aircraft Corp.	SA 226-TC, SA 227-TC		SA-227
Vickers-Armstrong British Aircraft Corp., UK	700 & 800 Series	Vickers Viscount	VC-700, VC-800

PILOT CERTIFICATE TYPE RATING INFORMATION--HELICOPTERS.

<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Boeing Vertol, USA	107-II, H-46 Kawasaki, KV107-II	Vertol 107 II	BV-107
	114, Ch-47A, BV-234		BV-114 or BV-234
Sikorsky, USA	H-37 Series		SK-56
	S-58 Series H-34 Series	Sikorsky S-58 S-58IT	SK-58

12/22/81

~~PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS~~—HELICOPTERS CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Sikorsky, USA	S-61 Series	Sikorsky S-61	SK-61
	H-3 Series		
	S-64 Series Ch-54A Series	Sikorsky S-64	SK-64
	HH-53, CH-53A	Sikorsky S-65	SK-65
Sud Aviation, USA	SA321F		S-321
	SA330F		S-330
Vertol, USA	H-21	Vertol 44	BV-44
The following is a list of helicopters weighing 12,500 pounds or less on which type ratings are issued to holders of airline transport pilot certificates only:			
Aerospatiale, France	SA 341/342 Gazelle		SA-341
	SA 360		
	AS 350 Astar		AS-350
	SA 355 Twinstar		AS-355
	SA 360C Dauphine (SE)		SA-360
	SA 365 Dauphine (ME)		SA-365
Bell, USA	47 Series	Bell 47	BH-47
	H-13 Series		
	204-B, UH1-B, -D, H205A	Bell 204	BH-204
	206A, 206B	Bell 206	BH-206
	212 Series	Bell 212	BH-212
	214 Series	None	BH-214
	222 Series	None	BH-222

12/22/81

AC 61-89A
Appendix 1

PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS--HELICOPTERS CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Brantly, USA	B-2 (YHO3BR)	Brantley B-2	BY-2
	B-305	Brantley B-305	BY-305
Costruzioni Aeronautiche Giovanni Agusta, Italy	A109 Agusta		A-109
Enstrom, USA	F-28	Enstrom F-28	EN-28
Hiller, USA	UH-12 Series	Hiller UH-12	HH-12
	H-23 Series		
Fairchild, USA	FH-1100	FH-1100	FA-1100
Hughes, USA	300, 269 Series	Hughes 269A	HU-269
	500, 369 Series	Hughes 500	HU-369
Kaman, USA	K-190A	Kaman K-190A	KM-190
	K-225	Kaman K-225	KM-225
	K-240, HTK-1	Kaman K-240	KM-240
	K-600	None	KM-600
Lockheed, USA	Lockheed California 286	Lockheed California 286	L-286
Messerschmitt Bolkow GmbH (West Germany)	BO-105A		BO-105
Omega, USA	12D1A	Omega 12D1	OM-12
Piasecki, USA	HRP-1, HRP-2	Piasecki HRP	PI-HRP
Robinson Helicopter	R-22	None	R-22

12/22/81

PILOT CERTIFICATE AIRCRAFT TYPE DESIGNATIONS—HELICOPTERS CONTINUED

1	2	3	4
<u>MANUFACTURER</u>	<u>MODEL DESIGNATION</u>	<u>PRIOR DESIGNATION</u>	<u>PILOT CERTIFICATE CURRENT DESIGNATION</u>
Sikorsky, USA	R-4B	Sikorsky R-4B	SK-4
	R-5A, YR-6A, R-6A, HOS-1	Sikorsky R-5A	SK-5
	S-51	Sikorsky S-51	SK-51
	S-52 Series	Sikorsky S-52	SK-52
	S-55, H-19 Series	Sikorsky S-55	SK-55
	S-62A, HH-52A	Sikorsky S-62	SK-62
	S-76		SK-76
Silvercraft, USA	SPA-SH4		SI-4
Scheutzow, USA	Model B		SC
Sud Aviation	SE 3130, SE 313B SE 3160, SA 316B SA 3180, SA 318B SA 318C, SA 315B	Sud Alouette II/III	S-3130
	SO 1221	Sud Djinn	S-1221

12/22/81

AC 61-89A
Appendix 2

APPENDIX 2. OPERATIONAL RESTRICTIONS

Applicants for type ratings on aircraft not listed in Appendix 1 will be required to present evidence that at least one aircraft of the type concerned has been issued an aircraft type certificate for civilian use.

NOTE: Since experimental aircraft are not issued type certificates, they are not eligible for pilot type ratings.

The following operational restrictions pertaining to type ratings will appear as limitations rather than as a part of the type rating on certificates:

1. Amphibian type ratings, such as CV-PBY5, will be repeated under limitations (Item XIII) with appropriate restriction; i.e., CV-PBY LIMITED TO SEA, unless proficiency has been demonstrated on both land and water.
2. Type ratings restricted to VFR will be repeated under limitations (Item XIII) with appropriate restrictions; i.e., N-B25, VFR ONLY.

Example:

I. UNITED STATES OF AMERICA							XI.
Department of Transportation - FEDERAL AVIATION ADMINISTRATION							
THIS CERTIFIES IV. JOHN ROCHESTER BROWN							
THAT V. 1243 SIXTH AVENUE MIDTOWN, ARKANSAS 72123							
DATE OF BIRTH	HEIGHT IN.	WEIGHT	HAIR	EYES	SEX	NATIONALITY VI.	
07/04/27	70	170	BROWN	BLUE	M	USA	
IX. HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF							
II. COMMERCIAL PILOT			III. CERT. NO. 1234567				
RATINGS AND LIMITATIONS							
XII. AIRPLANE SINGLE AND MULTIENGINE LAND							
AIRPLANE MULTIENGINE SEA CV-PBY5							
N-B25 DC-3 R-17							
XIII. CV-PBY5 LIMITED TO SEA N-B25 VFR ONLY							
VII. SIGNATURE OF HOLDER							
X. DATE OF ISSUE: 7/1/77			VIII.  ADMINISTRATOR				
AC Form 8080-1 (8-77)							

U.S. Department
of Transportation
**Federal Aviation
Administration**

800 Independence Ave., S.W.
Washington, D.C. 20591

Official Business
Penalty for Private Use \$300

Postage and Fees Paid
Federal Aviation
Administration
DOT 515



THIRD CLASS BULK RATE