

NORTH AMERICAN AVIATION INC. CHRONOLOGY OF FIRST FLIGHTS



North American XO-47, GA-15 constructed at Dundalk, Maryland, in 1935.

compiled by Norman L. Avery

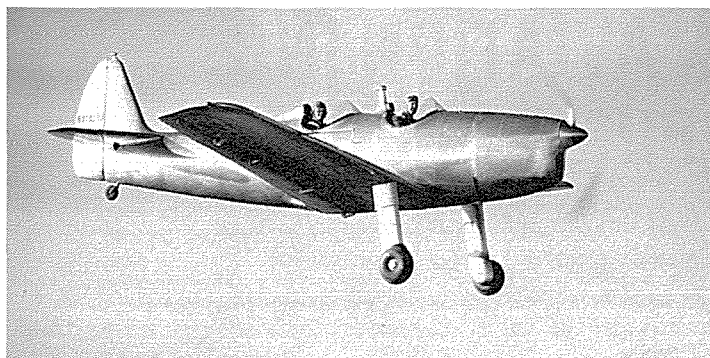
AUTHOR'S NOTE:

Several lists of first flights were made at various times by North American. None were ever completed and all gave some dates that are obscure. As an example, a first flight date was given for the P-51. Was this the first P-51 or the NA-73X prototype? Eventually the first flight record cards were located in the files at Rockwell Intl. and from these much of the information presented was confirmed and more made available.

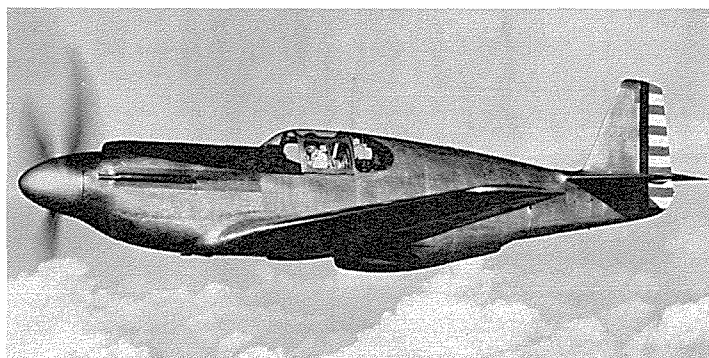
The earliest efforts in compiling this chronology were made by Mr. George Mellinger of the NAA flight test staff and encouraged the author to attempt the completion. Thanks to those two top-flight test engineers from NAA, Paul Brewer and Roy Ferren, for their assistance. Former test pilots Bob Chilton and Ed Virgin provided significant information including copies of pages from their log books.

NORTH AMERICAN AVIATION INC. — CHRONOLOGY OF FIRST FLIGHTS

NAA No.	MODEL	TYPE	CUSTOMER	DATE	PILOT	SERIAL No.
GA-15	XO-47	3 PI Observation	USAAC	—	—	AC36-145
NA-16	NA-16	Primary Trainer	USAAC	Apr 1, 1935	Paul Balfour	Civ Reg X-2080
NA-19	BT-9	Basic Trainer	USAAC	Apr 15, 1936	Paul Balfour	AC36-28
NA-21	XB-21	Bomber (Dragon)	USAAC	Dec 22, 1936	D. Tomlinson/Alex Burton	AC38-485
NA-25	O-47A	3 PI Observation	USAAC	Mar 7, 1938	Balfour	AC37-260
NA-26	BC-1	Adv. Trainer	USAAC	Feb 11, 1938	Balfour	NA26-202
NA-40	NA-40	Attk. Bomber	USAAC	Feb 10, 1939	Balfour	AC40-1052
NA-44	NA-44	Lt Attk Bomber	Canada	—	Vance Breese	44-747 (NX-18981)
NA-49	Harvard I	Trainer	RAF	Sep 28, 1938	Louis Wait	N7000
NA-50	NA-50	Fighter	Peru	Aug 1, 1938	Balfour	NA50-948
NA-58	BT-14	Trainer	USAAC	Feb 10, 1938	Waite	AC40-1110
NA-59	AT-6	Adv Trainer	USAAC	Feb 6, 1940	Waite	AC40-717
NA-62	B-25	Medium Bomber	USAAC	Aug 19, 1940	Breese/Ferren	AC40-2165
NA-62	B-25A	Medium Bomber	USAAC	Feb 25, 1941	Edw. Virgin	AC40-2189
NA-63	XB-28	Hi Alt Bomber	USAAC	Apr 24, 1942	Virgin/Barton	AC40-3056
NA-67	XB-28A	Hi Alt Bomber	USAAC	Apr 24, 1943	Virgin/Talman	AC40-3058
NA-68	P-64	Fighter	Siam	Sep 1, 1940	Waite	NA68-3058
NA-73X	NA-73X	Fighter	RAF	Oct 26, 1940	Breese	NA73-3097 (NX19998)
NA-73	Mustang I	Fighter	RAF	Apr 23, 1941	Wait	AG-345
NA-73	XP-51	Fighter	USAAC	May 20, 1941	Robert Chilton	AC41-038 (was AG-348)



NA-35 in flight, Vance Breese in front seat, Edgar Schmued in rear. This design was sold to Vega.



Prototype P-51, NA-73X in flight.

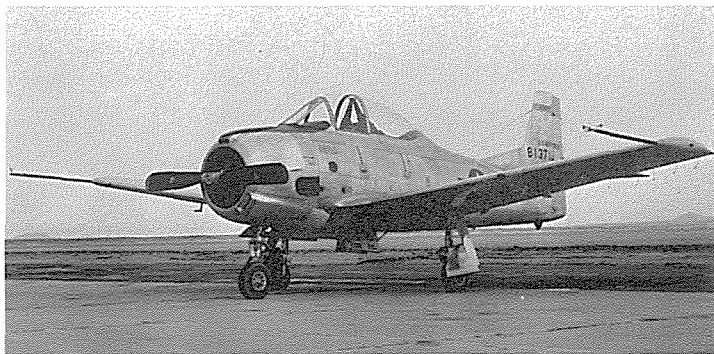


The first Harvard I for England.



B-25 No. 1, 40-2165, test pilot Vance Breese, test engineer, Roy Ferren.

NAA No.	MODEL	TYPE	CUSTOMER	DATE	PILOT	SERIAL No.
NA-82	B-25C	Med Bomber	USAAC	Nov 9, 1941	Virgin	AC41-12434
NA-83	Mustang II	Fighter	RAF	Feb 13, 1942	Chilton	AL 958
NA-87	B-25D	Med Bomber	USAAC	Jan 3, 1942	—	AC41-29648 (Kansas)
NA-91	P-51	Fighter	USAAC for RAF	May 29, 1942	Waite	AC41-37320 (FD-418)
of NA-82	XB-25G	Med Bomber	USAAC	Oct 22, 1942	Virgin	4 20mm AC41-13296 (75mm cannon)
of NA-94 (B-25C)	XB-25E	Med Bomber	USAAC	Feb 4, 1944	Joseph Barton	AC42-32281 (Heated Wing)
NA-97	A-36	Dive Bomber	USAAC	Sep 21, 1942	Chilton	AC42-83663
NA-98	B-25H	Med Attk Bomber	USAAC	Jul 31, 1943	Chilton/Talman	AC43-4105
NA-98X	B-25H	Med Attk Bomber	USAAC	Apr 1, 1944	Barton/Ferren	AC43-4406 P&W R-2800 engines
NA-99	P-51A	Fighter	USAAC	Feb 3, 1943	Chilton	AC43-6003
NA-101	XP-51B	Fighter	USAAC	Nov 30, 1942	Chilton	AC41-37352 (RR V-1650 eng)
NA-102	P-51B	Fighter	USAAC	May 5, 1943	Chilton	AC43-12093
NA-103	P-51C	Fighter	USAAC	Aug 5, 1943	—	AC42-102979 (Dallas, Tx.)
NA-105	XP-51F	Fighter	USAAC	Feb 14, 1944	Chilton	AC43-43332 (Lt Wt Design)
NA-105	XP-51G	Fighter	USAAC	Aug 12, 1944	Chilton	AC43-43335 RR RM-14S engine
NA-105	XP-51J	Fighter	USAAC	Apr 23, 1945	Barton	AC43-76027 Allison V-1710-119
NA-106	XP-51D	Fighter	USAAC	Nov 17, 1943	Chilton	AC43-12101 Modif. P-51B-1
NA-108	B-25J	Med Bomber	USAAC	Mar 3, 1944	Barton	AC43-3870 (Kansas)
NA-120	XP-82	Fighter	USAAC	Jun 16, 1945	Barton/Virgin	AC44-83886 Packard RR V-1650 engines
NA-122	P-51D	Fighter	USAAC	Apr 23, 1945	Chilton	AC44-73099 Aer Jet Rocket Motor Tests
NA-123	P-82B	Fighter	USAAC	Oct 31, 1945	Welch	AC44-65160
NA-123	P-82C	Fighter	USAAC	Mar 21, 1946	Stewart/Wild	AC44-65178
NA-123	P-82D	Fighter	USAAC	Aug 30, 1946	George Krebs	AC44-65179
NA-126	P-51H	Fighter	USAAC	Feb 3, 1945	Chilton	AC44-64160 (Lt Wt Design)
NA-130	XB-45	Bomber	USAF	Mar 17, 1947	George Krebs	AF45-59479



North American T-28A flight test aircraft at Edwards AFB, California, July 1950.



XP-82 44-83886



T-39 N4060K, an early *Saberliner*.



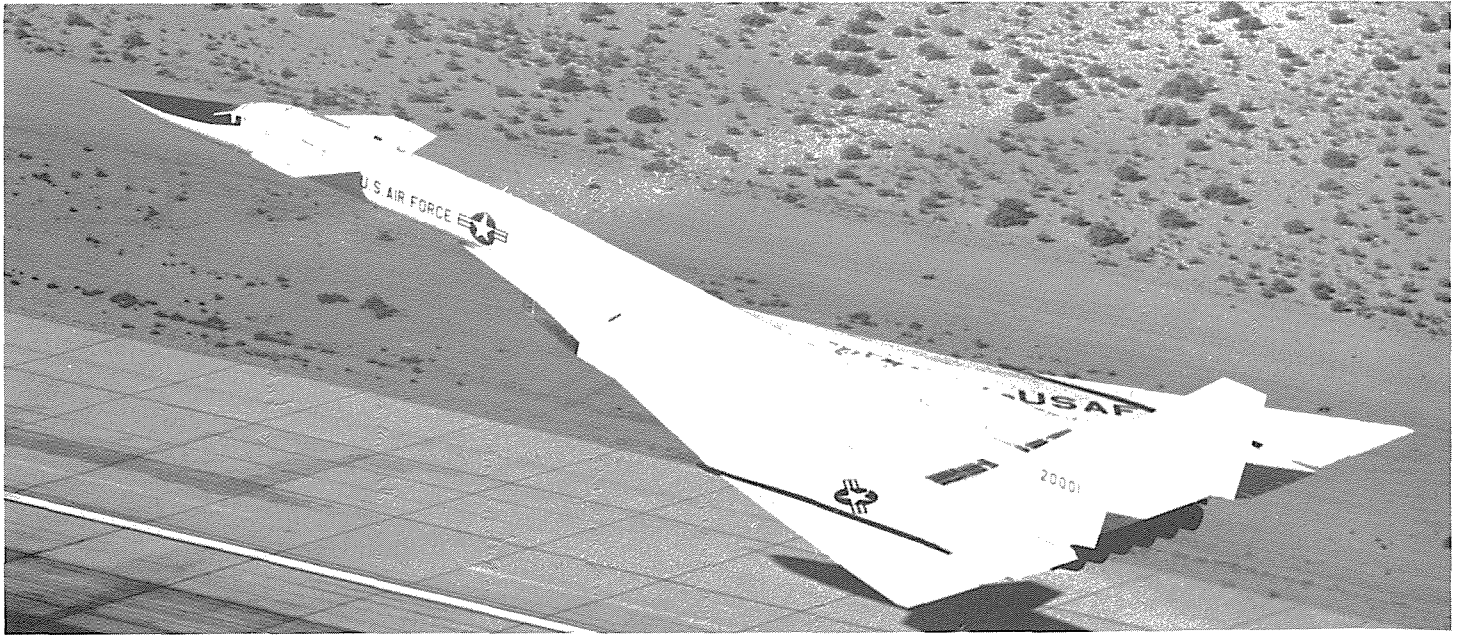
XP-82 44-83886 first flight 6-16-45; test pilot Ed Virgin and Joe Barton.

NAA No.	MODEL	TYPE	CUSTOMER	DATE	PILOT	SERIAL No.
NA-134	XFJ-1	Fighter	USN	Sep 11, 1946	Wallace Lien	39053
NA-140	XP-86	Fighter	USAF	Oct 1, 1947	George Welch	AF45-59597
NA-142	XSN2J-1	Scout Trainer	USN	Feb 10, 1947	Welch	121449
NA-143	Navion	4 Pl Com'l	Public	Jan 16, 1946	Chilton/Virgin	
NA-144	F-82E	Fighter	USAF	Apr 17, 1947	Welch	AF46-255 2 Allison V-1710
NA-146	XAJ-1	Attk Bomber	USN	Jul 3, 1948	Chilton	121460
NA-147	B-45A	Bomber	USAF	Feb 24, 1948	Krebs/Pickard	AF47-1
NA-149	F-82F	Fighter	USAF	Mar 11, 1948	—	AF46-405 Radar Night Ftr
NA-150	F-82G	Fighter	USAF	Dec 8, 1947	Pickard	AF46-355 Radar Night Ftr
NA-150	F-82H	Fighter	USAF	Feb 15, 1949	—	AF46-384 Winterized Night Fighter
NA-151	F-86A-1	Fighter	USAF	May 20, 1948	Welch	AF47-605
NA-153	B-45C	Recon Bomber	USAF	May 3, 1949	Joseph Lynch	AF48-1
NA-156	AJ-1	Attk Bomber	USN	May 10, 1949	Lynch	122590
NA-157	YF-93A	Penetr. Fighter	USAF	Jan 24, 1950	Welch	AF48-317
NA-159	T-28A	Trainer	USAF	Sep 24, 1949	J.L. Zeigler	AF49-1491
NA-159	XT-28A	Trainer	USAF	Jan 20, 1950	Zeigler	AF48-1371
NA-163	XA2J-1	Attk Bomber	USN	Jan 4, 1952	Robert Baker	124439 (2 Allison Turboprops)
NA-164	YF-86D	Interceptor	USAF	Dec 22, 1949	Lynch	AF50-577
NA-165	F-86D	Interceptor	USAF	Jun 8, 1951	Welch	AF50-455 Electronic Fire Control
NA-167	F-86J	Fighter	USAF	Oct 5, 1950	—	AF49-1069 Avro Orenda Engine
NA-168	AT-6G	Trainer	USAF	Dec 23, 1949	—	AF49-2897 (Downey) Re-mfd AT-6s
NA-170	F-86E	Fighter	USAF	Sep 23, 1950	Welch	AF50-579
NA-172	F-86F	Fighter	USAF	Mar 19, 1952	Prod. Pilots	AF51-2850
NA-175	AJ-2P	Photo Rec Bomber	USN	Mar 30, 1952	Pearce	128043 (Columbus)
NA-179	XFJ-2	Fighter	USN	Feb 19, 1952	Robert Hoover	133754
NA-180	YF-100A	Fighter	USAF	May 25, 1953	Welch	AF54-5754
NA-181	FJ-2	Fighter	USN	Nov 22, 1952	Pearce	131927 (Columbus)
NA-184	AJ-2	Attk Bomber	USN	Feb 18, 1953	Pearce	130405 (Columbus)
NA-185	XFJ-2B	Fighter	USN	Dec 27, 1952	Hoover	133756 (Los Angeles)
NA-187	F-86H	Fighter	USAF	May 9, 1953	Joseph Lynch	AF52-1975

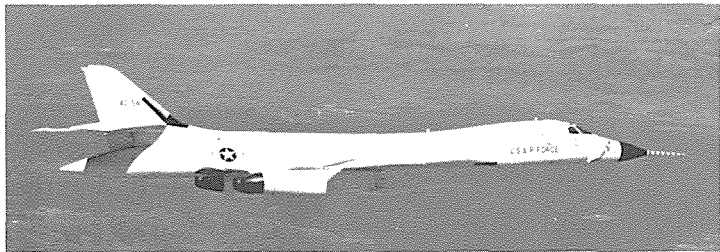
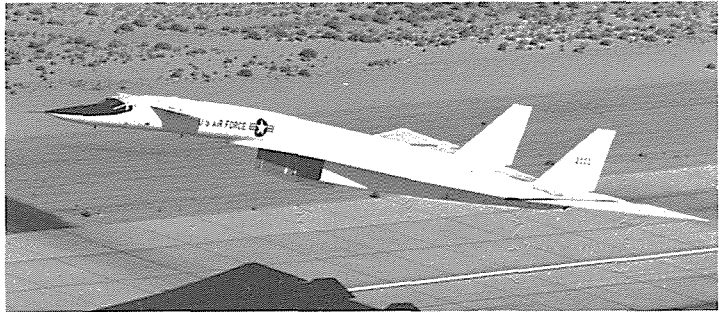
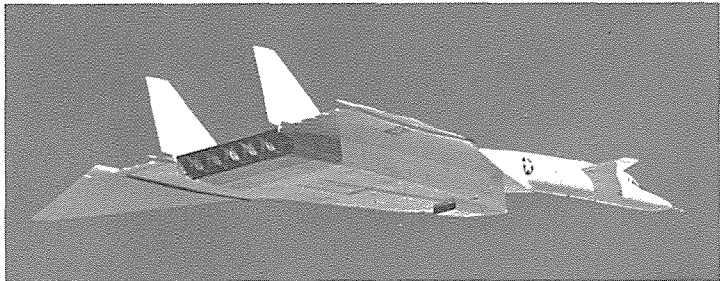


The YF-100A *Super Sabrejet* completed its first flight at the Air Force Flight Test Center on 25 May 1953.

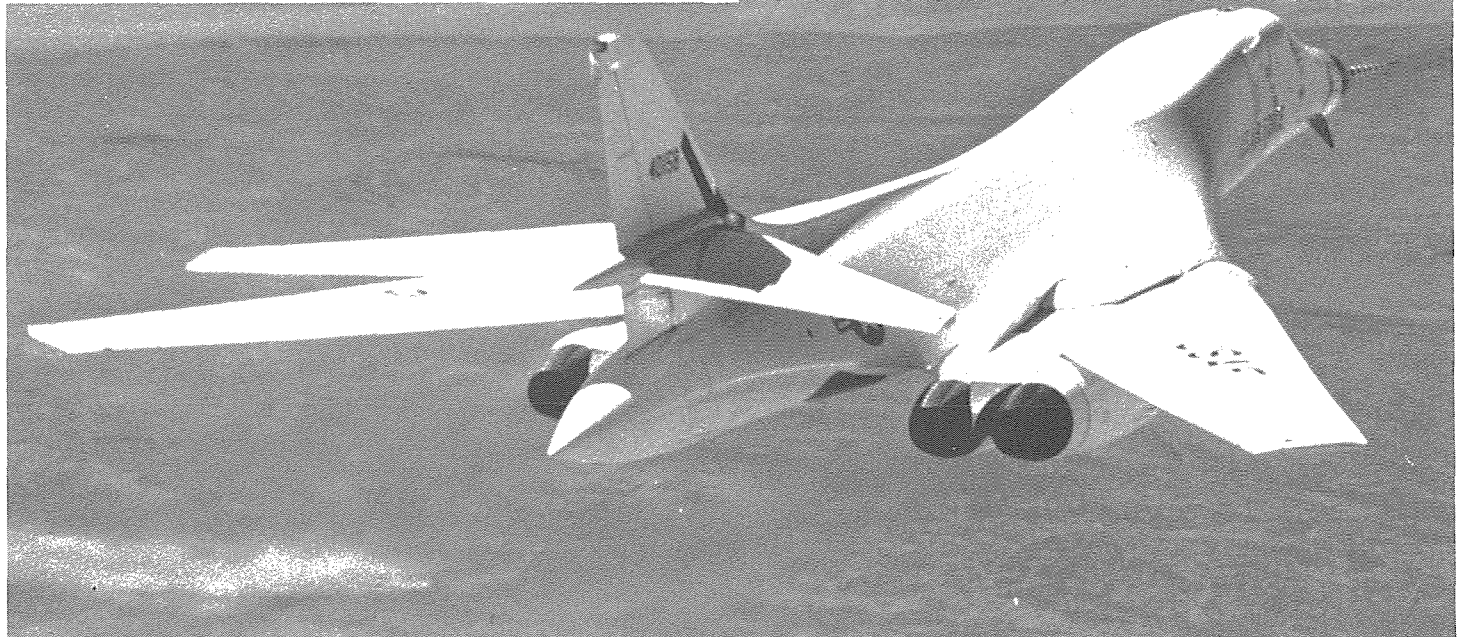
NAA No.	MODEL	TYPE	CUSTOMER	DATE	PILOT	SERIAL No.
NA-192	F-100A	Fighter	USAF	Oct 29, 1953	Welch	AF52-5756
NA-194	FJ-3	Fighter	USN	Jul 3, 1953	Wm. Ingram	135774 (J65-W-2 Sapphire Engine)
NA-199	T-28B	Trainer	USN	Apr 6, 1953	Hoover	137636 (R-1820 eng)
NA-204	TF-86F	Fighter-Trainer	USAF	Aug 5, 1954	Ray Morris	AF52-5016
NA-205	YF-86K	Fighter	USAF	Jul 7, 1954	—	AF52-3630 (Modif. F-86D)
NA-208	FJ-4	Fighter	USN	Oct 28, 1954	Richard Wenzell	139279 (J-65-W-4 Sapphire Engine)
NA-209	FJ-4B	Fighter	USN	Dec 3, 1956	Wenzell	139531
NA-212	F-107A	Fighter-Bomber	USAF	Sep 10, 1956	Baker	AF55-5118
NA-213	F-86K	Fighter	USAF	Mar 8, 1955	—	AF54-1231
NA-214	F-100C-1	Fighter	USAF	Sep 9, 1955	George Hoskins	AF53-1709
NA-223	F-100D	Fighter	USAF	Jan 24, 1956	Dan Darnell	AF54-2121
NA-225	T-28C	Trainer	USN	May 25, 1955	—	138185 (Ham Std Prop) Columbus
NA-230	TF-100C	Fighter Trainer	USAF	Aug 3, 1956	White	AF54-1966 2 place modified F-100C
NA-240	X-15	Hi Alt Research	NASA/USAF	Jun 8, 1959	Scott Crossfield	AF56-6670
NA-243	F-100F-1	Fighter	USAF	Mar 7, 1957	Gage Mace	AF56-3725 (2 place)
NA-247	A3J-1	Attack (2 place)	USN	Aug 31, 1958	Wenzell	145157 (J-79 eng)
NA-249	T2J-1	Trainer	USN	Jan 31, 1958	Wenzell	144217 (J-34 eng) Columbus
NA-265	T-39 UTX	Trainer	USAF	Sep 16, 1958	Roberts	AF59-2868
NA-265	T-39A	Trainer (Navig)	USAF	Jun 30, 1960	Roberts/Mace	AF59-2868
NA-270	T-39B	Trainer	USAF	Nov 11, 1960	Fero/Crossfield	AF59-2873
NA-277	T-39D	Trainer	USN	Dec 27, 1961	Fero/Deal	150542
NA-278	XB-70	Bomber	USAF	Sep 21, 1964	Alvin White & Col. Cotton	AF62-0001
NA-278	XB-70	Bomber	USAF	Jul 23, 1965	White/Cotton	AF62-0207
NA-284	YAT-28E	Trainer	USAF	Feb 15, 1963	George Hoskins	AF52-1242 (Turboprop T-28A)
NA-300	YOV-10	Attack/Support	USN	Jul 16, 1965	E. Gillespie	152879
—	B-1	Bomber	USAF	Dec 23, 1974	C. Bock/Col. Sturmthal	40158



XB-70 ship No. 1, 20001 at Edwards AFB.



Rockwell International B-1 No. 40158, ship No. 1.

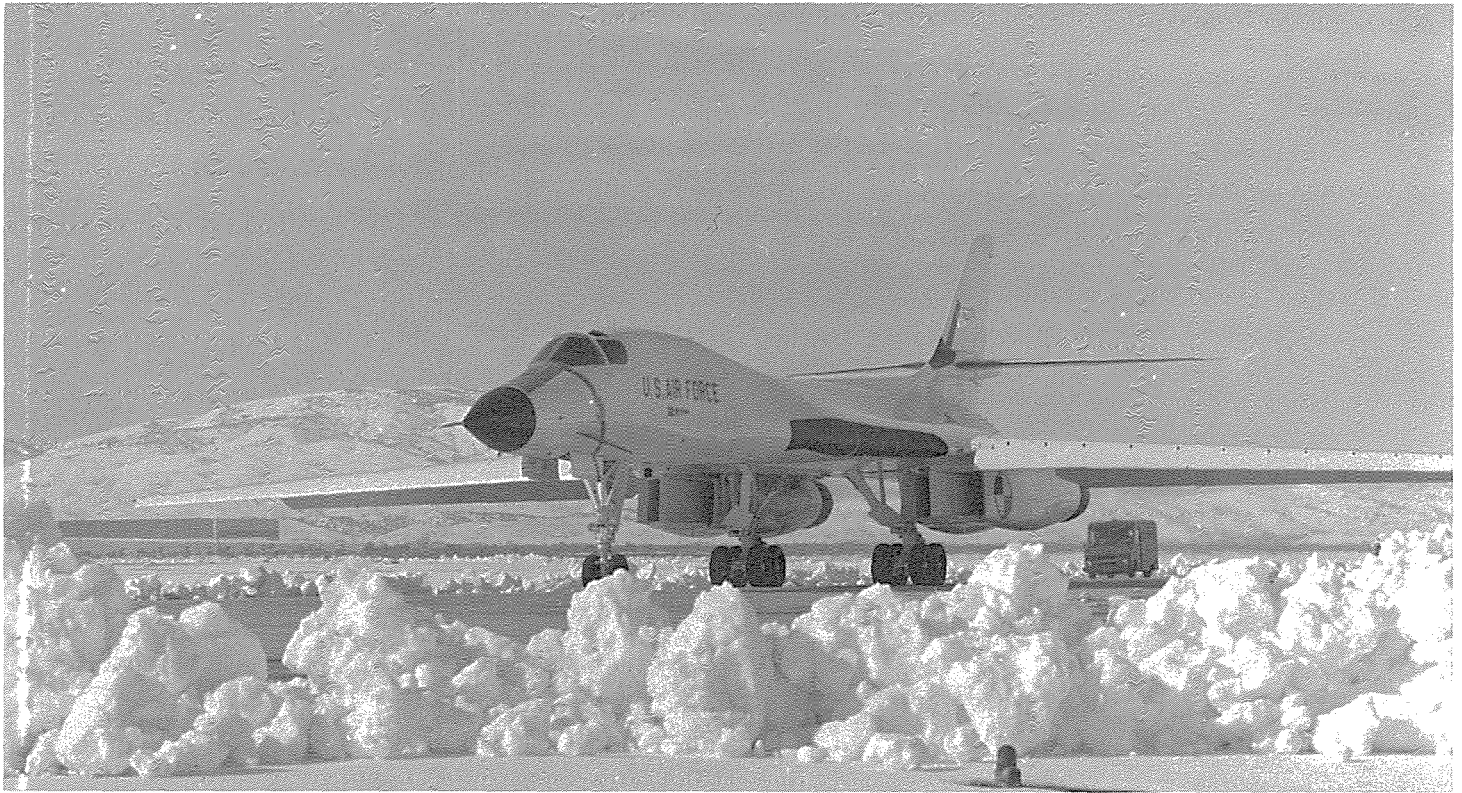




Air Force Flight Test Center personnel take the "Special Wrapping" off the experimental X-15 rocket research aircraft on the flight line after it arrived at the center by truck on 17 October 1958.

TEST PILOTS OF NORTH AMERICAN AVIATION INC.

A Autonetics Div.		Campbell, John K.	* L	Housel, Robert C.	* C	Pickard, Nicholas	* L DT
C Columbus, O. Div.		Chapin, Richard	° L	Howard, Russell	° D	Pitcairn, Gus	* L DT
D Dallas, Tex. Div.		Chilton, Robert C.	* L	Howell, George	° D	Poage, Bud	* L DO
E Executive (Corp)		Clover, John		Indart, Leon	° L DO	Primo, Ralph	° K
F Fresno, Cal. Div.		Cockburn, R.J.	* C	Ingram, William	* C DT	Rembert, Gene	° D
K Kansas City Div.		Cochran, George	° C DO	Jennings, Spencer	° L DT	Ricker, Morton	DO
L Los Angeles Div.		Conover, Al	* L DT	Kemmerer, Wade	° L	Roberts, J.O.	* L
S Sabreliner Div.		Corba, Mike	° F	Kennedy, Pete	° L	Rodriguez, Abelardo	° L
DT Deceased (test flying)		Coulter, Red		Kinkella, Joe	° L	Ruud, Roger	° L DO
DO Deceased (other)		Crossfield, Scott	* L	Kinnison, George	° L	Ryan, Frank	° D
* Engineering Test		Darnell, Dan	* L	Krebs, George	* L DT	Russ, Howard	° D
° Production Test		Deal, Oliver	* L DO	Krimminger, C.R.	° D K	Schmitz, William	* L
		Donohue, J. Ray	* L	Lane, Archie	* C	Schoper, Russell	° D
		Donovan, Don	° D	Lawless, Paul J.	° L	Scott, Russell	* L
		Dornan, Kenneth	° L	Lien, Wallace	* L	Sharman, Harlan	° L DO
		Easton, William	° DT	Lievre, Joe Ben	° D	Shepard, Van	* L DT
		Erb, Richa	° A	Lewis, Dave	° D	Sifers, Sidney	° DT
		Evenson, Mervin	* L	Longley, James	S	Simpson, John	° L
		Fahring, Ralph	° D	Lynch, Joseph	* L DT	Smith, Frank	° L
		Ferguson, George	° C	Mace, Gage	* L	Smith, Fred	° L
		Fero, Robert	* L	Malone, James	° K	Smith, George F.	° L
		Finley, Galard	° L	Marriot, Robert		Smith, George H.	° L
		Franklin, Paul	° L DO	Marvin, John	* F	Stewart, Edgar A.	L E
		Flavin, William	* C DT	Matteson, George	° L D	Taylor, G.K.	S
		Freeland, Dave	* A	McCracken, Donald	* C	Terry, Ted	° L DT
		Garton, Wendell		McCusker, Donald	* C	Thornberry, Paul	° K
		Gibson	° K	Melton, Dean	° L	Tomlinson, D.W.	* L
		Gillespie, Ed	* C	Middough, Dutch	° K	Torrance, Paul	° L
		Gorham, Robert	* A	Miller, Lee	° C DO	Towner, Miles	* L DT
		Graham, Charles	° L	Moore, John	* C	Trapp, Norman C.	° C
		Gray, James		Morris, Ray	* A L	Van Kueran, Paul	° C DO
		Griffin, Richard	° D	Myers, Evan	S	Virgin, Edward W.	* L
		Halsey, George	° DO	Nagel, Fred	° D	Waite, Louis	* L DO
		Hansen, Fred	° C	Nash, Arthur	* C	Waller, Dave	S
		Harris, Tom	* C	Nissen, James	* L	Walters, M.D. "Don"	° D K L
		Hetzell, E.P.	* A	Nunnally, Jack	° L	Welch, George S.	* L DT
		Hinchey, John B.	° DO	O'Connor, Arthur	° L	Wescott, William H.	* A S
		Hoch, Harold R.	E L	O'Brien, Tom	° L	Wenzell, Richard	* C
		Holcomb, Bub	* C DT	Ornstein, George	° L	White, Alvin	* L
		Hoover, Robert A.	* L	Orr, Charles	° D	Wild, Wilcox "Tex"	° L
		Hopkins, H.Z.	* L	Pearce, James	* C L	Yoakley, William	* L S
		Hoskins, George	* C DT	Penrose, Paul	* L DO	Ziegler, J.L. "Skip"	* L DT



B-1 ship No. 4 at Palmdale, Calif., Feb. 14, 1979, first flight.

North American XP-86 45-59597; test pilot George Welch in cockpit.

