## BOEING C-97 AERO SPACELINES GUPPY CONVERSIONS

This listing includes the complete Guppy series, although the early models were based on retired airline Boeing 377 Stratocruisers, the civilian equivalent of the Boeing C-97 transport/tanker.

## Aero Spacelines corporatate chronology at the end.

Boeing 377	N1024V	Pan American World Airways: del.	12.6.49/61
		,,	25.1.61
		Lee Mansdorf & Co, Sun Valley CA	.61
		Aero Spacelines Inc, Van Nuys CA	.61
377PG		(rebuilt as 377PG at Van Nuys CA .61/62	
Pregnant Guppy		by On Mark Engineering Co, using parts of	
,		B377 N102Q)	
	N1024V	Aero Spacelines: ff Van Nuys CA	19.9.62/74
		dam. on ground LAX, struck by taxying B707	10.9.63
		Twin Fair Inc, Buffalo NY	22.1.74
		American Jet Industries Inc, Van Nuys CA	23.10.74
	N126AJ	American Jet Industries Inc, Van Nuys CA	.75/79
		struck-off USCR	5.2.79
		broken-up Van Nuys CA	c79
	377PG	377PG Pregnant Guppy N1024V	Clipper America/ Bald Eagle/ Cathay Boeing Airplane Co, Seattle WA: trade-in Lee Mansdorf & Co, Sun Valley CA Aero Spacelines Inc, Van Nuys CA (rebuilt as 377PG at Van Nuys CA .61/62 Pregnant Guppy  N1024V Aero Spacelines: ff Van Nuys CA dam. on ground LAX, struck by taxying B707 Twin Fair Inc, Buffalo NY American Jet Industries Inc, Van Nuys CA struck-off USCR

First test flight Van Nuys 19.9.62 pilots Jack Conroy and Clay Lacy;

N1024V noted Van Nuys 1.63 "Aero Spacelines Largest Airplane in the World";

N1024V under contract to NASA from June 1963 carrying Saturn IV and Apollo sections;

N1024V noted Long Beach CA 28.6.65 "Aero Spacelines" titles;

N1024V photo Santa Barbara CA .66 "Aero Spacelines/Largest Airplane in the World" titles;

N1024V noted Van Nuys 30.8.71; Santa Barbara CA 5.6.73;

N1024V noted Van Nuys CA 4.75 at American Jet Industries;

N126AJ noted Van Nuys CA 14.10.75 with N422AJ, also 28.11.75;

N126AJ noted Van Nuys 10.76 retired props feathered, ramp gear stacked up against it;

N126AJ noted Van Nuys 6.77 complete,

N126AJ noted Van Nuys 23.9.77 in American Jet Industries compound;

N126AJ noted Van Nuys 6.78 some engines removed;

N126AJ noted Van Nuys CA 2.3.79 stored in derelict condition;

N126AJ noted Van Nuys 28.8.79 "due to be broken up soon"; Van Nuys 9.11.79;

Reportedly broken-up for parts by American Jet Industries to keep N422AJ airworthy;

15938	Boeing 377	N1038V	Pan American World Airways: del.	29.9.49/60
			Clipper Constitution/ Hotspur	
			Boeing Airplane Co, Seattle WA: trade-in	4.8.60
			Lee Mansdorf & Co, Sun Valley CA	.61/63
			Aero Spacelines Inc, Van Nuys CA	.63
	377SG		(rebuilt as 377SG at Van Nuys CA, using	
	Super Guppy		wings, power plants, forward fuselage of YC-9	7J
			52-2693, parts of B377s c/ns 15944 & 15945)	
		N1038V	Aero Spacelines Corp: ff Van Nuys CA	31.8.65/74
			forward fuselage skin failed during certification	
			dive testing Edwards AFB CA, landed safely	25.9.65
			(redesigned and flying again within 5 weeks)	
			NASA, Houston-Ellington TX: leased	3.66/79
			Twin Fair Inc, Buffalo NY	22.1.74/79
		N940NA	NASA, Houston TX	20.2.79
		N940NS	NASA, Houston TX	3.81/95
			(retired, stored Davis-Monthan AFB AZ by 93)	
			Pima Air & Space Museum, Tucson AZ	2.95/23
			•	

Boeing YC-97J 52-2693 purchased by Aero Spacelines in 1964 from USAF disposals. It was one of two YC-97J prototypes, rebuilt from KC-97Gs, powered by four P&W YT34-P-5 turbine engines with 3 bladed props. Both YC-97Js had long transport careers with MATS. 52-2693 airframe and turbine power plants were used in the construction of Super Guppy N1038V, ff Van Nuys 31.8.65:

N1038V Super Guppy first flight Van Nuys 31.8.65 pilot in command H.R."Fish" Salmon;

N1038V photo Van Nuys CA "Aero Spacelines, a division of Unexcelled Inc" titles:

N1038V visited Mather AFB CA often in 67 to collect rocket motors built by nearby Aerojet General;

N1038V noted George AFB CA 6.76 turbines;

N1038V noted Santa Barbara CA 10.77 "Aero Spacelines";

report 11.78: N1038V will be sold by Aero Spacelines, a subsidiary of Twin Fair Inc,

Buffalo NY to NASA for over \$2.5;

N1038V noted Las Vegas-McCarran NV 2.79;

N1038V based at Houston-Ellington TX from late 1978 with NASA, carrying sections of the Enterprise Space Shuttle, "Aero Spacelines" titles;

N1038V visited Houston Int'l TX 25.2.79 "Aero Spacelines" titles;

N940NS noted Ellington AFB TX 21.8.79 & 9.79 NASA colour scheme, "NASA 940" on tail;

N940NS noted Kelly AFB TX 29.10.79 "NASA 940" on tail;

N940NS noted Beaumont TX 17.10.80;

N940NS noted Long Beach CA 6.5.82;

N940NS noted Phoenix AZ 2.5.85 "NASA 940" on tail;

N940NS noted Miami FL 2.86 "NASA 940" on tail, N940NS on fuse;

N940NS noted Dobbins AFB GA 6.86 i/s "NASA" on tail;

N940NS noted Houston-Ellington Field TX 31.10.86 "NASA";

N940NS noted El Paso TX 20.4.90 "NASA";

N940NS noted Davis Monthan AFB 10.93, 10.94 cocooned;

N940NS noted Pima Air Museum 9.98 10.99, 11.99, 8.00 "NASA 940" on tail; 10.03, 4.04, 8.04;

10.05 full NASA scheme; also 10.06;

rican World Airways: del. 8.9.49/60 leetwing irplane Co, Seattle WA: trade-in 4.8.60
3
sdorf & Co, Sun Valley CA .61
celines Inc., Van Nuys CA .63
377MG at Santa Barbara CA
ts from B377 N106Q c/n 15967)
celines Corp, Santa Barbara: ff 24.5.67/74
Santa Barbara
d at Paris Air Show 5.67)
Jet Industries, Van Nuys CA .74/75
Jet Industries, Van Nuys CA .75/79
ulic power landing Van Nuys CA,
parked light aircraft 9.10.77
orp, Portland OR 5.81
on Corp, Chico CA 7.81
on Corp, Chico CA 10.81/89
Air Crane Co, Medford OR 5.89/95
NAS Museum, Tillamook OR: del95/20
h "Erickson Air Crane" on left side,
k Air Museum" on right)
llamook Bay, Tillamook OR 12.16/23
Sa Sa Canada Sa

N1037V at Paris Air Show 6.67 "Aero Spacelines, Spirit of Santa Barbara";

N1037V arr. Sydney-Mascot 13.9.67 as "LH639" with one engine feathered,

departed Sydney 20.9.67 to RAAF Edinburgh SA, then Darwin, Kuala Lumpur;

N1037V noted Miami 22.12.68 "Aero Spacelines";

N1037V noted Heathrow 4-18.11.69 "Aero Spacelines";

N1037V noted Van Nuys CA 30.8.71,

N1037V arrived Thurleigh, England 15.12.71 carrying gondola for the Goodyear blimp;

noted London-Gatwick 14 &15.12.71;

N1037V noted Tulsa OK 16.12.72;

N1037V noted Santa Barbara CA 5.6.73;

report 2.75 377MG N1037V for sale by American Jet Industries;

N422AJ & N126AJ noted Van Nuys CA 14.10.75, 28.11.75;

N422AJ noted Van Nuys 23.9.77 in American Jet Industries compound;

N422AJ flew Keflavik to Paris-Le Bourget 2.6.81 carrying parts for No.3 & No.4 Super Guppies being built at Paris;

N422AJ noted Paris-Le Bourget 15.6.81 Aero Union, all metallic;

N422AJ arrived Stansted 17.6.81 for maintenance on No.1 engine, all metallic;

N422AU noted Chico CA 4.9.83 "Aero Union" titles;

N422AU arrived Aberdeen Scotland 14.12.84, "Aero Union" titles, departed Aberdeen 18.12.84 carrying wreck of Chinook G-BISD on delivery to Columbia Helicopters, Oregon for parts;

N422AU noted Toronto ONT 8.3.85 "Aero Union", carrying wing sections for damaged CP Air DC-10: previous reg N1037V and Pan Am titles discernable etched into the metal;

N422AU noted Cincinatti OH 3.85 "Aero Union" titles;

N422AU noted Chico CA 4.88 "Aero Union" titles, also 8.88, 9.88;

N422AU noted Seattle-Boeing Field c12.89 "Erickson Air Crane" titles, had carried S-64 N164AC from Alaska to Seattle;

N422AU noted Tillamook Museum 8.01, 8.02, 25.4.04; 6.8.04 "Erickson Air Crane, Central Point OR" on port side, "Tillamook Air Museum" on starboard; same 5.9.05, 25.9.15,

In 2014 Jack Erickson began moving his aircraft collection from Tillamook to his newly-built Erickson Aircraft Collection at Madras, Oregon, which opened on 22.8.14; The Mini Guppy could not be made airworthy for the move, so it was left with the Tillamook museum;

101	Boeing 377		(rebuilt as B377MGT at Santa Barbara CA	
	B377MGT		by Aero Spacelines Inc)	
	Mini Guppy	N111AS	Aero Spacelines Inc: ff Santa Barbara	13.3.70
	Turbine		crashed destroyed on takeoff, Edwards AFI	3 CA12.5.70

Type also quoted as "Super Guppy 101"; first flight date has also been quoted as 31.3.70;

Crash report 12.5.70: during its certification test program, No.1 engine was deliberately shut down on takeoff, aircraft rolled and wing struck ground. Cpt Van H. Shepherd and 3 crew killed;

201	KC-97L		(rebuilt as 377SGT-201 at Van Nuys CA	
201	110 07 2		by Aero Spacelines Corp)	
	377SGT-201	N211AS	Aero Spacelines Corp: ff Van Nuys	24.8.70
	Super Guppy 201		(FAA certification flight tests for a year)	
	(c/n 001)		Airbus Industrie, Toulouse	8.71
			(rolled-out "Aeromaritime Airbus Industrie"	
			titles at Van Nuys 30.8.71, repainted as	
			F-BTGV at Van Nuys 15.9.71)	
			arr. Paris-Le Bourget on del. 29.9.71)	
		F-BTGV	Airbus Skylink (fleet #1)	11.71/96
			op. Aeromaritime for Airbus Skylink	.71/89
			Airbus Inter Transport, Toulouse-Blagnac	89/96
			del. to Bruntingthorpe, England for display	1.7.96/20
			(displ. as "Airbus Skylink #1")	
			broken-up for scrap	12.20
			South Wales Aviation Museum, St Athan: nose (nose & cockpit sections arr. St Athan 4.2.21)	.21/23

F-BGTV noted Manchester-Ringway 22.11.71, to Toulouse with Airbus wings; F-BTGV arrived Paris-Roissy25.9.72 carrying a DC-10 simulator from USA for UTA, "Aeromaritime" titles on fuselage, "Airbus Industrie" & "Aeromaritime" on nose; F-BTGV noted Le Bourget 27.3.73 Aero Maritime;

F-BGTV noted Le Bourget 8.76 "Aeromartime";

F-BGTV noted Le Bourget 4.78 "Aeromaritime";

F-BGTV noted Le Bourget 27.12.83 "Airbus Skylink #1;

F-BGTV noted Le Bourget 13.8.87 "Airbus Skylink #1;

F-BTGV noted Hamburg 10.88 "Airbus Skylink" #1"

F-BGTV noted Bruntingthorpe 15.7.01 "Airbus Skylink" #1"; same 6.5.06;

202	KC-97L 377SGT-201		(rebuilt as 377SGT-201 at Santa Barbara CA by Aero Spacelines Corp)	
		N212AS	Aero Spacelines Corp, Santa Barbara: ff	24.8.72
	(c/n 002)	F-BPPA	Airbus Industrie, Toulouse	8.73
			Airbus Skylink (fleet #2)	
			op. Aeromaritime for Airbus Skylink	.73/89
			undercarriage collapsed landing, Toulouse	21.12.73
			nose section structural failure during	
			unloading, Hamburg	5.11.81
			(testflown after repairs Hamburg 22.11.81)	
			Airbus Inter Transport, Toulouse-Blagnac	89/96
			retired Toulouse, held for museum	96
			struck-off Register	5.12.96
			Ailes Anciennes collection, Toulouse-Blagnac	00/15
			Aeroscopia Museum, Toulouse-Blagnac	.15/21

N212AS noted London-Heathrow 24.5.73 "Aero Spacelines/ASI" titles, grounded due blown electrical systems after incorrect starting ground equipment used; N212AS noted Shannon 15.6.73;

F-BPPA noted Manchester-Ringway 19.5.75;

F-BPPA noted Paris-Le Bourget 6.79;

F-BPPA noted Birmingham and Manchester 14.12.80;

F-BPPA noted Indianapolis IN 1.11.80 Aeromaritime;

F-BPPA noted Paris-Le Bourget 7.3.81 Aeromaritime titles;

F-BPPA visited Shannon 3.8.81 Aeromaritime;

F-BPPA noted Indianapolis IN 27.7.82 Aeromaritime;

F-BPPA noted Phoenix AZ 31.7.82 Aeromaritime;

F-BPPA noted Hatfield 7.86 "Airbus Skylink 2";

F-BPPA noted Le Bourget 27.12.83 "Airbus Skylink #2; also 24.11.84;

F-BPPA noted Manchester 4.94 #2 regular visitor;

F-BPPA noted Hamburg 20.8.95 i/s "Aitbus Skylink #2";

F-BPPA noted Toluouse 7.5.04 #2;

F-BPPA noted Toulouse 10.8.96 in museum compound;

F-BPPA noted in AA museum Toulouse 4.1.03, 27.2.04, 15.5.04;

203	KC-97L		(rebuilt as 377SGT-201F at Paris-Le Bourget by UTA/Tracor Aviation, rolled-out 1.4.82)	
	377SGT-201F	F-WDSG	Airbus Industrie, Toulouse: ff Le Bourget	1.7.82
	Super Guppy 201	F-GDSG	Airbus Industrie "Airbus Skylink #3"	.82
	(c/n 003)		op. Aeromaritime for Airbus Skylink	.82/89
			Airbus Inter Transport, Toulouse-Blagnac	89/97
			nose gear collapsed landing, Lyons France	10.93
			(retired at Toulouse 9.7.96)	
			struck-off reg.	10.97
			Daimler Benz Airbus Sports & Flying Society,	
			Hamburg: del. for display	24.10.97/21

F-WDSG rolled-out Le Bourget 1.4.82 "Airbus Skylink" titles, conv. by UTA Industries;

F-WDSG noted Le Bourget 5.7.82 "Airbus Skylink #3", four days after first flight;

F-GDSG noted Le Bourget 1.8.82F-GDSG noted Le Bourget 1.8.82, 12.04 "Airbus Skylink" #3,

F-GDSG noted Le Bourget 20.4.86 #3 "Airbus Skylink" titles;

F-GDSG #3 noted Manchester 15.7.90, regular visitor;

F-GDSG 10.93 nosewheel collapsed Lyons-St Exuperey where diverted from Toulouse due cross wind, minimal damage;

F-GDSG #3 visited Hamburg-Finkenwerder 27.8.05 for Airbus factory open day F-GDSG noted Hamburg 10.88 in service "Airbus Skylink #3";

204	KC-97L		(rebuilt as 377SGT-201F at Paris-Le Bourget	
			by UTA/Tracor Aviation; kit parts airfreighted	
			to Le Bourget by Mini Guppy N422AJ 6.81)	
	377SGT-201F	F-WEAI	Airbus Industrie, Toulouse: ff Le Bourget	21.6.83

Super Guppy F-GEAI Airbus Skylink (fleet #4)

N941NA

.83/97 op. Aeromaritime for Airbus Skylink (c/n 004) .83/89 Airbus Inter Transport, Toulouse-Blagnac 89/97

(final Airbus flight Manchester-Hamburg 9.7.96

then retired Toulouse)

sold to USA, struck-off reg. 10.97 NASA, Houston-Ellington Field TX 10.97/21

(dep. Toulouse 18.10.97 on del. to USA)

c/n quoted as 004, 204 & 11004!

F-WEAI noted Le Bourget 18.5.83;

F-GEAI noted Le Bourget 25.7.83;

F-GEAI noted Hamburg 27.9.83 "Airbus Skylink" #4;

F-GEAI noted Le Bourget 27.12.83 "Airbus Skylink #4;

F-GEAI noted Le Bourget 20.4.86 "Airbus Skylink 4";

F-GEAI "Airbus Skylink" #4 noted Filton 30.4.86 loading first wings for A320 Airbus;

F-GEAI "Airbus Skylink" #4 visited Manchester 17.8.95, collecting Airbus wing sections;

F-GEAI final day's Airbus operations 9.7.96: Toulouse-Manchester to collect final set of Airbus wings to carry them to Hamburg-Finkenweerder, then to Toulouse were retired;

N941NA noted Ellington AFB, Houston TX 28.8.98, bare metal with "Airbus Alrlink" titles removed but just buffed metal, "NASA" on tail;

N941NA at airshow Huntsville AL 30.3.03, highly polished;

N941NA noted Dayton OH 7.03;

N941NA visited Dover DE 5.9.03 "NASA" highly polished, fuel stop after delivering an Osprey to Philadelphia;

N941NA visited Philadelphia PA 1.4.04 to collect an Osprey:

N941NA noted Johnson Space Centre, Houston-Ellington Field TX 29.2.04, 128.5.04,

6.10.04: 13.3.05. all "NASA" titles:

N941NA visited Philadelphia PA 26.7.05 bringing Osprey fuselage to Boeing:

N941NA noted at NASA base El Paso TX 4.8.15 in service:

N941NA flies 100 hrs a year (2017) for NASA and other US Govt agencies'

17062	KC-97L	53-0280		Davis Monthan AFB AZ: retired, stored	80/84
			N49548	Dross Metals Inc, Tucson AZ	4.84
				Airbus Industrie, Toulouse, France	10.84
				(ferried Tucson-Paris, arr. Le Bourget 2.10.84)	
				sold to France, struck-off USCR	20.11.84
				(planned conv to Guppy #5 not commenced)	
				Musee de l'Air, Paris-Le Bourget	88/95
				Musee de l'Aeronautique, Nancy-Essey: del.	96/04
				burnt out by fire Nancy-Essey	1.04
				Zruc Air Park, Zruc-Senec, Czech Republic	05/20
				(rear fuse with tail only, marked "R")	

53-0280 noted at Musee at Le Bourget 2.95 original "Missouri Air Guard" markings; noted Nancy-Essey 4.96 & 9.97 on loan ex Le Bourget, parked outside;

Aero Spacelines Inc was incorporated during 1961 as a partnership between aeronautical designer Jack Conroy and Lee Mansdorf, a Californian aircraft dealer who had purchased a large number of retired airline Boeing 377 Stratocruisers. Mansdorf had the original concept of the "Guppy" conversion for outsize cargo and Conroy brought the engineering experience to the ambitious project.

Work commenced on the first conversion December 1961 at Van Nuys Airport, California. The construction was contracted to On Mark Engineering: designated Aero Spacelines 377PG Pregnant Guppy, the fuselage was lengthened by 16 feet 8 inches using a fuselage section from another Stratocruiser and an enlarged cabin was constructed. It retained the original P&W R-4360 Wasp Major engines. Registered N1024V it made its first flight at Van Nuys on 19 September 1962. The 377PG was contracted to NASA for transportation of rocket components for the space program.

Former Northwest Airlines Stratocruiser N74603 was painted with "Aero Spacelines" titles and used to support the early stages of the program. It was sold to Bob's Airpark, Tucson AZ in November 1973 and ferried from Mojave CA to Tucson Airport, where it was parked on a retired airliner storage ramp. There it sat unmoved until 1982 when the tail section was cut off, probably for a civilianized KC-97L, and the rest of the aircraft was broken-up for scrap at Tucson during 1984.

NASA required a larger Guppy for the Apollo program to carry parts of the Saturn booster rocket. Aero Spacelines Inc designed the turboprop 377SG Super Guppy and purchased an ex USAF YC-97J to utilize its P&W T-34 turboprop power plants. Construction began in 1964 at Van Nuys, extra length and 15 feet wider wing span with an opening swing nose. Registered N1038V it first flew on 31 August 1965. In March 1966 it joined the 377PG on contract to NASA and by 1973 these two Guppies had flown 2 million miles for NASA

Aero Spacelines Inc was refinanced in August 1965 when Unexcelled Corp, a New York conglomerate purchased the company but Jack Conroy continued as President of the renamed Aero Spacelines Corp. In 1966 Aero Spacelines moved its base to Santa Barbara Airport CA and in December 1966 Conroy launched the 377MG Mini Guppy program, based on a Stratocruiser airframe retaining the original P&W R4360 piston engines with swing tail opening cargo system. The 377MG received full FAA type certification, which allowed commercial sales: first aircraft N1037V was converted at Santa Barbara where it made its first flight 24 May 1967.

Jack Conroy left Aero Spacelines in late 67 to form his own company to market turboprop power plants for DC-3s. Unexcelled Inc hired Tex Johnston in November 1967 as President of Aero Spacelines Corp. Johnston was a former Boeing test pilot who had been in charge of Boeing's operation at Cape Canavaral. He launched a new series of Guppies powered by Allison turboprops with major aerodynamic and systems improvements. An expansion program included a modern new hangar and workshop complex on Santa Barbara airport, which was completed late 1968. Projects outside the Guppy series included the Convair 580 Total In Flight Simulator TIFS, the prototype flying on 16 July 1969. Tex Johnston left Aero Spacelines at the end of 1969, replaced by Bill Lawrence from American Airlines.

Two more Guppies were completed during 1970:

- 337 MGT Mini Guppy Turbine built at Santa Barbara as N111AS first flight 13.3.70. Destroyed two months later during its test flight program at Edwards AFB CA on 12.5.70;
- 337 SGT Super Guppy 20 N211AS. Its construction had begun earlier at Van Nuys so was completed there. First flight Van Nuys 24.8.70, received FAA type certification 26.8.71. It was originally planned to be retained by Aero Spacelines and chartered to Douglas and Lockheed to carry major sub-sections of their DC-10 and L1011 airliner production. However Aero Spacelines was in a serious financial situation so instead sold it prior to completion in March 1970 to the Airbus Industrie consortium. It would be used to carry A300 sub-assemblies from manufacturing plants in Europe and Britain to the final assembly plant at Toulouse, France. N211AS was delivered to Airbus Industrie in 9.71, a month after FAA certification.

Airbus Industrie then ordered another SGT Super Guppy 201. This was 337 SGT N212AS, which was first flown at Santa Barbara 24.8.71 and delivered to Airbus the following year.

A former USAF KC-97L 53-0280 was ferried to Paris from Tucson AZ in October 1984 to be stored pending a decision on whether Airbus required another Super Guppy conversion. It was not needed and later donated to the Musee de l'Air at Le Bourget.

Aero Spacelines' continuing financial difficulties during 1970 had resulted in a corporate restructure of the parent company Unexcelled Inc. An Unexcelled shopping centre subsidiary Twin Fair Inc took over ownership of ASC. By the end of 1973 Twin Fair Inc decided to shut down Aero Spacelines. However debt-settlement to General Motors for the Allison turbine engines for the TIFS and Super Guppies required operations to continue. Aero Spacelines entered into sub-contract manufacturing for Ted Smith Aircraft Co at Santa Maria CA also

automotive and engineering companies. Hangar and plant space at Santa Barbara was leased out.

During 1977 there was a potential for two more SGT Super Guppy 201s for Airbus Industrie due to increased A300 sales. Aero Spacelines by now had fewer than 50 employees, and it was not viable to increase to the 600-700 staff level required to build the two aircraft at Santa Barbara in the required time frame. Aero Spacelines thus signed a licencing agreement to have additional aircraft built in France. UTA Industries at Paris-Le Bourget was contracted to produce the aircraft. Aero Spacelines in turn sub-contracted from UTA approximately 50% of the work, with the new program commencing in 1979.

A corporate review by Twin Fair during 1977 decided that Aero Spacelines would continue operations in the aircraft parts sub assembly, airframe modifications, aircraft seating manufacture, and an extensive new aircraft painting facility at Santa Barbara. By 1981 Aero Spacelines Corp had 325 employees, and turned over \$17M in business.

## AIRBUS SUPER GUPPY OPERATIONS 1971-1996

The European Airbus Industrie consortium successfully used their four Super Guppies to collect components of all Airbus airliner models from European manufacturing locations to the Airbus final assembly line at Toulouse-Blagnac Airport in southern France. Daily varying schedules delivered airframe sections built in factories at Manchester, Bremen, Finkenwerder, St Nazaire and Madrid.

When the first Super Guppy in was ordered in 1970, Airbus awarded a contract to operate the freighters on their behalf to AEROMARITIME, a subsidiary of the major French airline UTA at Paris. The first three Airbus Super Guppies were painted with "Aeromaritime" titles. The relationship with UTA resulted in the airline's maintenance section of Paris-Le Bourget gaining the order to build the fourth Airbus Super Guppy 1981-82.

By that time a new Airbus Industrie section had been established to take over all aspects of transportation. The Super Guppy operation was named AIRBUS INTER TRANSPORT, each aircraft painted with large AIRBUS SKYLINK with number 1 to 4. Airbus Inter Transport operated the aircraft with their own aircrew and maintenance was carried out in-house at Toulouse. The schedule to be flown by each Super Guppy was determined by an Operations Control Centre at Toulouse and continually revised to ensure the required component is ready for collection. Loading was usually carried out inside each component manufacturer's building to avoid risk of damage from wind gusts.