

## Pan American Airways Route 14.

The FAM-18/LATI substitute service from October 1944 to May 1945.

Route 14 was interleaved with Route 13 and provided the FAM-18 mail service across the Atlantic during the Winter months when the Northern route (Route 3) between New York and Foynes via Shediac and Botwood could not be flown due to cold weather conditions. In addition to FAM-18, this route also provided the "LATI substitute" service between Axis-controlled Europe and South America, although the "LATI substitute" mail handling was governed by the San Juan Agreement. This required "LATI substitute" mail from Lisbon to be carried over to San Juan for Allied Censorship before being returned by local Pan American services to Natal and onward into South America. Route 14 differed from Route 13 only in that it included a return "shuttle" flight back from Natal to Lisbon before resuming its normal path back to Natal and on to New York.

In internal Pan American documents, this additional flight was referred to as "The LATI shuttle" and was presumably flown in order to carry mail from South America to Axis-controlled Europe after censorship at San Juan under the terms of the "San Juan Agreement". In effect, this shuttle replaced the anti-clockwise flights of Route 7. (See Route 7).

Route 14 flew the following combined path:

New York – Bermuda – Horta – Lisbon-Foynes, then Foynes - Lisbon – Dakar - Natal (Fisherman's Lake – Bolama - Dakar– Lisbon – Dakar - Bolama – Fisherman's Lake - Natal\*) - Belem – Port of Spain (Trinidad) – San Juan - Bermuda – New York.

In common with Pan American practice, the outward (short) flights to Foynes were designated as odd numbers beginning with 14021 and the (long) return flights from Foynes to New York carried even numbers beginning with 14022.

The first 1944 flight on Route 14 was 14021 which left New York on the 23<sup>rd</sup> of October 1944, returning via Bermuda from Foynes, Lisbon and Bolama (13078) on the 7<sup>th</sup> of November. The last flight of the winter season listed in the Pan American Trip Summaries is 14031, leaving New York on the 27<sup>th</sup> of December 1944, arriving in New York (14032) on the 8<sup>th</sup> of January 1945. Despite the lack of following Summaries, it is still possible to ascertain the last flight of Route 14 by reference to the Bermuda Customs records compiled by Horst Augustinovic and the Foynes Harbourmasters' records compiled by Peter Berry. These show that Boeing NC-18606 left New York on the 11<sup>th</sup> of May 1945, arriving in Foynes on the 14<sup>th</sup> and arriving back in New York on the 18<sup>th</sup> of May 1945. On this occasion, NC-18606 and NC 18612 flew Routes 13 and 14 together.

PAN AMERICAN AIRWAYS, INC.  
ATLANTIC DIVISION  
Trip Summary-Transatlantic

ROUTE		TIMES GCT		PERFORMANCE						CARGO			Delays	Remarks
Trip	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	AV. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Pgrrs.		
NBA-BDA	10/23-24	2132	0345	6:13	126	123	- 3	225	7000	3080	386	5 FOY B 2 DKR A 48 BDA		
BDA-HTA	10/27-28	1613	1155	19:42	123	126	+ 3	202	5000	24	0	0		
HTA-LBN	10/28/44	1314	2122	8:08	143	130	-13	232	7000 9000	3	0	0		
LBN-FOY	10/29/44	0328	1215	8:47	138	103	-35	210	8000	514	104	5 FOY C		
												Total Time: 42,50		
Trip 14022														
FOY-LBN	10/29/44	1605	2227	6:22	132	149	+17	205	6000 8000	5487	86	16 NAT 1 LBN		
LBN-DKR	10/30/44	0135	1347	12:12	131	132	+ 1	222	4000 8000	130	0	7 NBA		
DKR-NAT	10/30-31	1814	0742	13:28	128	127	- 1	214	8000	0	0	0		
NAT-FSH	10/31/44	1002	0016	14:14	130	124	-10	208	2000	0	0	16 LBN 1 DKR 18 FSH		
FSH-BLO	11/1/44	1201	1543	3:42	136	140	+ 4	225	1500	258	5928	0		
BLO-DKR	11/1/44	1707	1901	1:54	132	134	+ 2	220	6000 9000	2	0	0		

PAN AMERICAN AIRWAYS, INC.  
 ATLANTIC DIVISION  
 Trip Summary-Transatlantic

ROUTE	TIMES GCT		PERFORMANCE							CARGO			Delays	Remarks
	Trip	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.		
DKR-LBN	11/2/44	2220	0934	11:14	133	143	+10	197	8000	0	95	0		
LBN-DKR	11/2-3	2323	1215	12:52	133	125	-8	208	4000	90	509	24 NAT 5 BLO 2 BEL 3 NBA		
DKR-BLO	11/3/44	1416	1618	2:02	131	132	+1	214	8000	0	0	1 NEA		
BLO-FSH	11/4/44	0838	1212	3:34	134	129	-5	216	8000	2	0	0		
FSH-NAT	11/4-5	1921	0719	11:58	132	146	+14	222	8000	0	5	20 NBA		
NAT-BEL	11/5/44	1058	1643	5:45	142	167	+25	260	8000	0	0	0		
BEL-SPA	11/5-6	1815	0121	7:06	141	161	+20	238	8000	0	0	0		
SPA-JUA	11/6/44	1422	1920	4:58	135	150	+15	216	8000	0	0	0		
JUA-BDA	11/7/44	2117	0359	6:42	133	137	+4	202	8000	0	0	0		
BDA-NBA	11/7/44	0641	1329	6:48	139	108	-31	240	8000	17	2	5 NBA		

Total Time: 124:51

GENERAL REMARKS: Mail weights listed are local loads only;

- A These passengers offloaded at LBN
- B 2 of these pax offloaded at BDA
- C These passengers offloaded from Trip 13079

PAN AMERICAN AIRWAYS, INC.  
 ATLANTIC DIVISION  
 Trip Summary-Transatlantic

ROUTE	TIMES G. C. T.				PERFORMANCE						CARGO			Delays	Remarks
	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Pgsrs.			
NBA-BDA	11/1/44	1700	2238	5:38	145	132	-13	247	8000	800	622	3 BDA 4 FOY(A)			
BDA-HTA	11/3-4	2134	1318	15:44	131	117	-14	188	7000	225	1704	0			
HTA-LBN	11/4/44	1616	2321	7:05	139	140	+1	203	7000	1023	1607	0			
LBN-FOY	11/6/44	0022	0901	8:39	130	124	-6	202	7000	0	0	0			
Total Time: 37:06															
Trip 14024															
FOY-LBN	11/8/44	1407	2150	7:23	131	127	-4	215	7000	8384	0	2 NAT			
LBN-DKR	11/7/44	0126	1544	12:18	129	133	+4	208	4000	8.8	0	1 NAT			
DKR-NAT	11/7-8/44	1810	0714	13:04	131	136	+5	222	8000	97	97	2 NAT			
NAT-FSH	11/8/44	0914	2400	14:45	130	119	-11	210	5000	198	13	20 FSH 2 DKR 8 LBN			
FSH-BLO	11/9/44	1210	1449	2:39	143	159	+16	264	7000	0	77	0			
BLO-HST	11/9/44	1624	1830	2:08	141	161	+10		5000	1	0	0			
HST-LBN	11/9-10/44	2050	1048	13:58	137	150	+13	228	7000	198	13	0			
LBN-DKR	11/10-11	2203	1120	13:17	135	118	-17	218	9000	64	340	2 DKR 3 BLO 2 FSH 26 NAT (B) 2 SPA			

PAN AMERICAN AIRWAYS, INC.  
 ATLANTIC DIVISION  
 Trip Summary-Transatlantic

ROUTE	TIMES GCT		PERFORMANCE							CARGO			Delays	Remarks
	Date	Depart	Arrive	Doc to Doc Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Pegrs.		
LHR-BLO	11/11/44	1252	1450	1:58	138	133	- 5	202	4000	0	207	3 NAT		
BLO-FSH	11/11/44	1644	2009	3:26	139	132	- 7	254	6000	2	0	1 NAT 1 NBA		
FSH-NAT	11/12-13/44	1816	0600	11:44	134	148	+14	220	8000	0	3	1 JUA 19 NBA		
NAT-BEL	11/13/44	0830	1420	5:50	137	156	+19	212	8000	26	5	1 NBA		
BEL-SPA	11/13-14	1628	0020	7:52	139	142	+ 3	210	8000	0	0	2 BEL		
SPA-JUA	11/14/44	1509	1933	4:24	131	131	0	218	8000	0	0	0		
JUA-BDA	11/14-15	2112	0436	7:24	134	124	-10	205	8000	0	0	5 BDA		
BDA-NBA	11/15/44	0645	1258	6:13	132	115	-17	208	8000	31	1	7 NBA		

Total Time: 128:21

GENERAL REMARKS: Mail weights listed are local loads only.

- (A) All these passengers offloaded at LBN and transferred to trip 13081
- (B) One of these passengers offloaded at BLO

PAN AMERICAN AIRWAYS, INC.  
 ATLANTIC DIVISION  
 Trip Summary-Transatlantic

ROUTE	TIMES G C T			P E R F O R M A N C E						C A R G O			Remarks
	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. Gl/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Pags	
NBA-BDA	11/16/44	1315	1857	5:42	142	149	+ 7	235	7000	1001	2309	30 BDA 2 LBN 1 FSH(A) 3 FOY	
BDA-LBN	11/17-18	1602	0946	17:44	126	159	+33	196	1000 7500	22	244	1 FOY	
LBN-FOY	11/19/44	0320	1012	6:52	130	137	+ 7	203	7000	0	0	0	
Total Time: 30:18													
Trip 14026													
FOY-LBN	11/20/44	0802	1520	7:18	129	135	+ 6	196	6000	782	101	10 NAT	
LBN-DKR	11/20-21	1947	0626	10:39	142	151	+ 9	237	2000 8000	2379	443	13 NAT	
DKR-NAT	11/21/44	0810	2028	12:18	132	139	+ 7	215	4000	0	218	6 NAT	
NAT-FSH	11/22-23	1216	0249	14:33	129	116	-13	200	5000	95	185	18 FSH 5 DKR 10 LBN	
FSH-BLO	11/23/44	1228	1529	3:01	141	143	+ 2	241	5000	40	604	1 LBN	
BLO-DKR	11/23/44	1637	1830	1:53	143	139	- 4	212	5000	2.2	0		
DKR-LBN	11/23-24	2105	0934	12:29	135	128	- 7	204	5000	0	97	2 LBN	
LBN-DKR	11/24/44	2250	1114	12:24	129	132	+ 3	200	6000	174	1195	5 BLO 1 FSH (B) 18 NAT 2 BEL 2 SPA 2 NBA	

Trip 14026 - Continued

ROUTE	TIMES G. C. T			PERFORMANCE						CARGO			Delays	Remarks
	Date	Depa rt	Arrive	Doek to Doek Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Pggs.		
DKR-BLO	11/25/44	1406	1806	2:00	133	130	- 3	219	2000	0	1030	2 NAT		
BLO-FGH	11/26-27	1918	0734	12:16	134	138	+ 4	212	8000	9	0	19 NBA		
NAT-BEL	11/27/44	0942	1548	6:08	151	157	+ 6	230	8000	0	0	2 JUA		
BEL-SPA	11/27-28	1727	0127	8:00	146	145	- 1	233	9000	0	0			
SPA-JUA	11/28/44	1514	1934	4:20	146	138	- 8	250	8000	0	0	3 NBA		
JUA-BDA	11/28-29	2138	0446	7:13	136	124	-12	225	9000	0	0	7 NBA		
BDA-NBA	11/29/44	0646	1228	5:42	140	125	-15	221	10000	22	18	21 NBA		
												Total Time:	123:22	

GENERAL REMARKS: Mail weights listed are local loads only.

(A) Passenger offloaded at LBN

(B) Passenger offloaded from Trip 14026

PAN AMERICAN AIRWAYS, INC.  
ATLANTIC DIVISION  
Trip Summary - Transatlantic

ROUTE		TIMES GCT			PERFORMANCE					CARGO				Remarks
Trip	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No/ Paid Psgrs.	Delays	
NBA-BDA	12/3-4	1900	0040	5:40	128	142	+14	188	1000	630	577	2 FOY (B) 4 LBN (A) 20 BDA		
BDA-BDA	12/4/44	1606	1742	1:36										Ret. a/c engine trouble
BDA-BDA	12/4-5	1938	1504	19:26										Ret. a/c weather enroute
BDA-HTA	12/6-7	2034	1058	14:24	128	136	+8	208	7000	1230	0	0		
HTA-LBN	12/7	1224	1924	7:00	132	156	+24	197	7000	18	0	4 LBN		
LBN-FOY	12/8/44	0240	1212	9:32	135	99	-36	211	9000	0	0	1 FOY		
													Total Time: 57:38	
Trip 14028														
FOY-LBN	12/8/44	1644	2310	6:26	132	159	+27	227	10000	8300	0	7 NAT		
LBN-LBN	12/9/44	0330	0642	3:12										Ret. a/c engine trouble
LBN-LBN	12/11/44	1239	1339	1:00										Test flight
LBN-DKR	12/11-12	1632	0455	12:23	132	132	0	220	6000	824	5	0		
DKR-NAT	12/12/44	0702	1819	11:17	133	149	+16	243	8000	395	0	0		
NAT-FSH	12/13-14	2017	1105	14:45	126	116	-10	201	3000	267	0	6 DKR 8 FSH 15 LBN		
FSH-BLO	12/13-14	2351	0332	3:41	142	142	0	235	8000	40	917	1 LBN 1 DKR		



Trip 14028 - Cont'd

ROUTE		TIMES GCT			PERFORMANCE					CARGO			No. Paid Passrs.	Delays	Remarks
Trip 14028	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.				
BLO-DKR	12/14/44	1021	1210	1:49	139	143	+ 5	233	6000	3.	2500	0			
DKR-LBN	12/14-15	1427	0334	13:07	132	124	- 8	219	5000	0	97	0			
LBN-LBN	12/20/44	1459	1701	2:02											Test flight
LBN-DKR	12/20-21	2158	1028	12:30	136	128	- 8	222	7000 8000	124	1392	10 BLO 1 FSH 13 NAT 5 BEL 1 SPA 5 NY			
DKR-BLO	12/21/44	1229	1438	2:09	138	126	-12	270	5000	33	456	2 FSH			
BLO-FSH	12/21/44	1604	1915	3:11	138	135	- 3	252	7000	2	0	0			
FSH-NAT	12/22-23	1811	0717	13:06	127	133	+ 6	217	2000	0	329	11 NY			
NAT-BEL	12/23-44	0945	1613	6:28	139	141	+ 2	250	8000	3399	417	7 NY			
BEL-SPA	12/23-24	1839	0251	8:12	137	139	+ 2	261	8000	3553	983	1 BDA			
SPA-JUA	12/24/44	1518	2006	4:48	139	139	0	305	8000	3553	1004	2 NY			
JUA-BDA	12/24-25	2142	0440	6:58	138	129	- 9	251	8000	3538	1028	18 NY			
BDA-BDA	12/25	0830	1232	4:02											Ret. a/c NBA Weather
BDA-NBA	12/26/44	0742	1408	6:26	132	120	+12	243	8000	3555	1015	2 NY			

- (A) All these passengers offloaded at BDA
- (B) 1 of these passengers offloaded at BDA

Mail weights listed are local loads only.

PAN AMERICAN AIRWAYS, INC.  
 ATLANTIC DIVISION  
 Trip Summary-Transatlantic

ROUTE	TIMES G C T			PERFORMANCE						CARGO				
	Date	Depart	Arrive	Dock to Dock Time	TAS Kts	GS Kts.	Av. Wind Kts.	Gas Cons. G/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Psgrs.	Delays	Remarks
NBA-BDA	12/13-14	1902	0022	5:20	132	147	+15	205	7000	3100	1005	11 BDA 2 LBN(A) 4 FOY		
BDA-LBN	12/14-15	1600	1028	18:28	132	154	+22	198	7000	53	0			
LBN-FOY	12/16/44	0132	0836	7:04	133	133	0	190	7000	0	0			Total Time: 30:52
Trip 14030														
FOY-LBN	12/16/44	1445	0030	9:45	131	100	+31	207	8000	6428	64	14 NAT		
LBN-LBN	12/17/44	0330	0432	1:02										Ret. due engine trouble
LBN-DKR	12/17-18	1628	0358	11:30	133	143	+10	122	8000	63	32	2 NAT		
DKR-NAT	12/18/44	0653	1913	12:20	136	138	+ 2	225	8000	67	367	1 NAT		
NAT-FSH	12/19	0858	2244	13:46	129	124	- 5	212	3000	145	0	6 FSH 1 DKR 29LBN		
FSH-BLO	12/20/44	1640	1952	3:12	134	141	+ 7	255	4000	137	0			
BLO-DKR	12/20/44	2106	2342	2:36	132	131	- 1	182	1500	0	138			
DKR-LBN	12/21/44	0146	1316	11:36	136	140	- 4	220	7000	0	103			

Trip 14030 - Cont'd

ROUTE	TIMES GCT			PERFORMANCE						CARGO				
	Trip 14030	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Psgrs.	Delays
LBN-DKR	12/22/44	0100	1251	11:51	138	135	- 3	222	8000	36	580	16 NAT 3 BLO	3 Hrs.	Cylinder Change
DKR-BLO	12/22/44	1414	1615	2:01	133	137	- 4	212	4000	0	0	2 NBA		
BLO-FSH	12/22/44	1723	2044	3:21	134	138	+ 4	233	4000	0	264	--		
FSH-NAT	12/23-24	1804	0637	12:33	132	142	+10	212	8000	9	1132	3 NBA		
NAT-BEL	12/24	0838	1510	6:32	129	143	+14	204	2000	3079	0	1 BEL		
BEL-SPA	12/24-25	1650	0142	8:52	136	134	- 2	230	8000	0	0	0		
SPA-JUA	12/25/	1512	1934	4:22	138	133	- 5	222	8000	0	0	0		
JUA-BDA	12/25-26	2105	0407	7:02	137	129	- 8	240	8000	0	0	17 NBA		
BDA-NBA	12/26/44	0624	1247	6:23	133	117	-16	215	4000	0	0	2 NBA		
													Total Time:	128:38

Mail Weights listed are local loads only.

(A) One of these passengers offloaded at BDA

PAN AMERICAN AIRWAYS, INC.  
ATLANTIC DIVISION  
Trip Summary - Transatlantic

ROUTE		TIMES G C T			PERFORMANCE					CARGO			Delays	Remarks
Trip	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Psgrs.		
NBA-BDA	12/27/44	1320	1834	5:14	137	144	+ 7	220	7000	5896	845	18 BDA		
BDA-HTA	12/27-28	2035	1057	14:22	133	132	- 1	196	7000	28	72	5 FOY		
HFA-LBN	12/29/44	0905	1635	7:30	143	130	-13	236	7000	7	0			
LBN-FOY	12/30/44	0130	0838	7:08	146	127	-19	235	7000	0	14	1 FOY		Total Time 34:14
Trip 14032														
FOY-LBN	12/30-31	1442	2026	5:44	143	155	+12	227	8000	15	9107	3 NAT		
LBN-DKR	12/31	0130	1332	12:02	133	133	0	217	4000	323	615	2 NAT		
DKR-NAT	12/31-1/1	1815	0650	12:35	126	136	+10	216	4000	0	0	0		
NAT-FSH	1/1/45	0918	2256	13:38	129	123	- 6	220	3000	172	0	1 DKR 14 FSH 16 LBN 4 LBN		
FSH-BLO	1/2/45	1156	1566	3:10	139	146	+ 7	242	5000	0	0	4 LBN		
BLO-DKR	1/2/45	1620	1852	2:32	130	131	+ 1	213	1000	20	0	4 LBN		
DKR-LBN	1/2-3	2054	0844	11:50	135	134	- 1	222	7000	0	16	-		
LBN-DKR	1/3-4	2202	1118	13:16	134	120	-14	215	8000 1000	55	724	13 NAT 2 BLO 4 BEL 2 NBA		
DKR-DKR	1/4/45	1230	1325	1:55										Ret. a/c mechanical trouble

PAN AMERICAN AIRWAYS, INC.  
 ATLANTIC DIVISION  
 Trip Summary - Transatlantic

Trip 14032 - Continued

ROUTE	Drip 14032 Date	TIMES		G C T Dock to Dock Time	PERFORMANCE					CARGO			Delays	Remarks
		Depart	Arrive		TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Psgrs.		
DNR-BLO	1/4/45	1545	1743	1:58	138	135	- 3	235	4000			267.5		1 FSH 1 BLO
BLO-FSH	1/4-5	2207	0139	3:32	136	138	0	272	4000	0		54.4		-
FSH-NAT	1/5-6	1830	0604	11:34	129	148	+19	217	8000	2.2		4.1		17 NBA 2 SPA
NAT-BEL	1/6/45	0858	1450	5:54	138	148	+10	245	8000	1255.3		103.3		2 NBA 1 BEL
BEL-SPA	1/6-7	1706	0232	9:26	136	131	+ 5	223	4000 8000	0		0		
SPA-JUA	1/7/45	1510	1936	4:26	131	131	0	238	8000	0		.4		13 NBA
JUA-BDA	1/7-8	2130	0422	6:52	135	134	- 1	224	8000	0		20.0		20 NBA(A)
BDA-NBA	1/8/45	1251	1833	5:42	131	129	- 2	235	8000	10.7		10		

Total Time: 125:06

Mail weights listed are local loads only

(A) One of these passengers offloaded at San Juan