

### Pan American Airways Route 13.

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

Route 13 was interleaved with Route 14 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 13 flew the following clockwise-only path with restored calls at Bolama:

New York – Bermuda – Horta – Lisbon - Foynes, then Foynes - Lisbon – Dakar – Bolama - 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 13077 and the (long) return flights from Foynes to New York carried even numbers beginning with 13078.

The first 1944 flight on Route 13 was 13077 which left New York on the 22<sup>nd</sup> of October 1944, returning via Bermuda from Foynes, Lisbon and Bolama (13078) on the 30<sup>th</sup> of October. The last flight of the winter season listed in the Pan American Trip Summaries is 13105, leaving New York on the 3<sup>rd</sup> of January 1945, arriving in New York (13106) on the 13<sup>th</sup> of January 1945. Despite the lack of following Summaries, it is still possible to ascertain the last flight of Route 13 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-18612 (Capetown) left New York on the 12<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-18612 and NC 18606 flew Routes 13 and 14 together.

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

ROUTE	TIMES GCT		PERFORMANCE							CARGO			Delays	Remarks
	Depart	Arrive	Doc to Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Pgrs.			
NBA-BDA	10/22/44	1719	2227	5:08	131	154	+28	213	7000	551	3867	41 BDA 1 FOY		
BDA-BDA	10/23/44	0024	0058	:34										Ret. due engine trouble
BDA-HTA	10/23/44	2105	1225	15:20	131	122	- 8	108	7000	9	0			
HTA-LBN	10/24/44	1509	2321	8:12	143	124	-10	227	7000	13	0	6 LBN		
LBN-FOY	10/25/44	0154	1200	10:06	132	108	-24	202	7000	0	0			
Trip 13078													Total Time 39:20	
FOY-LBN	10/25/44	1628	2305	6:39	123	149	+26	208	8000	4943	29			
LBN-DKR	10/26/44	0123	1323	12:00	130	138	+ 8	219	8000	330	209	22 NBA		
DKR-BLO	10/26/44	1515	1711	1:56	126	112	- 3		8000	51	99			
BLO-BLO	10/26/44	1955	2212	2:17										
BLO-NAT	10/27/44	0820	2029	12:08	128	133	+ 5	171	8000	0	0			Dev. from Dock to avoid storm
NAT-BEL	10/28/44	0834	1428	5:54	143	157	+14	253	8000	79	0	13 NBA		
BEL-SPA	10/28-29	1640	0020	7:40	136	148	+12	253	8000	0	0			
SPA-JUA	10/29/44	1516	1930	4:14	134	141	+ 7	242	8000	0	0	6 NBA*		
JUA-BDA	10/29-30	2134	0506	7:32	135	125	-10	240	8000	0	0	1 NBA		
BDA-NBA	10/30/44	2032	1722	6:50	134	110	-24	250	2000	13	0			

\*All passengers offloaded at Bermuda

Total Time, 67:10

GENERAL REMARKS: Mail weights listed are local loads only.

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

ROUTE	TIMES GCT			PERFORMANCE						CARGO			Delays	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 Psgrs.		
NBA-BDA	10/25/44	1534	2056	5:22	141	138	- 3	220	7000	3549	1887	5 FOY-B 1 LBN-A 25 BDA		
BDA-LBN	10/27-28	1758	1606	22:08	132	126	- 6	193	4500	0	0			
LBN-LBN	10/29/44	0050	0159	1:09										Ret. a/c engine trouble
LBN-FOY	10/29/44	0818	1652	8:34	145	107	-38	236	5000	0	0			Total Time: 37:13
Trip 13080														
FOY-FOY	10/30/44	1439	2002	5:23										Ret. a/c wea LBN
FOY-LBN	10/31	1044	1726	6:42	142	145	+ 3	220	8000	8542	201	1 NBA		
LBN-DKR	11/1/44	0133	1514	13:41	124	116	- 8	192	4000	262	0	1 NAT 2 DKR-C 4 NBA		
DKR-NAT	11/1/44	1934	1820	12:46	126	132	+ 6	202	4000	29	97	1 NBA		
NAT-BEL	11/2/44	1612	2240	6:28	136	158	+22	246	8000	4433	86	16 NBA		
BEL-SPA	11/3/44	0102	0950	8:48	131	148	+17	222	8000	0	0			
SPA-JUA	11/4/44	0629	1103	4:34	130	140	-10	243	8000	24	0			
JUA-BDA	11/4/44	1511	2238	7:27	133	122	-11	232	6000	0	0			
BDA-NBA	11/5/44	0854	1530	6:36	138	110	-28	248	8000	24	15	2 NBA		Total Time 72:25

GENERAL REMARKS: Mail weights listed are local loads only.

A Offloaded at BDA

B All " " " LBN

C These Passengers offloaded from Trip 14021

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

Date	Date	TIMES GCT			PERFORMANCE					CARGO				Delays	Remarks
		Depart	Arrive	Dock to Time	TAS Kts.	GS Kts.	Av. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Contr. Mail lbs.	Paid Exp. Lbs.	No. Paid Psgs.			
Trip 13081	NBA-BDA	10/31/44	0530	1100	5:30	150	139	+ 9	189	7000	99	126	5 FOY 1 LBN 40 BDA		
	BDA-HTA	11/3-4	2019	1211	16:52	129	116	-13	206	7000	2198	0	2 FOY		
	HTA-LBN	11/4/44	1343	2109	7:26	136	135	0	204	7000	20	6.6	1 LBN		
	LBN-FOY	11/5/44	0055	0808	7:13	130	127	- 3	204	8000	0	0	4 FOY (A)		
													Total Time	36:01	
Trip 13082	FOY-LBN	11/5/44	1547	2255	7:08	130	131	+ 1	208	6000	5445	110	15 NBA		
	LBN-DKR	11/6/44	0200	1440	12:40	126	130	+ 4	196	4000	514	320	6 NBA		
	DKR-NAT	11/6-7	1828	0740	13:12	125	129	+ 5	206	4000	66.	0	2 NBA		
	NAT-BEL	11/7/44	0923	1605	6:42	132	137	+ 5	235	8000	0	0	0		
	BEL-SPA	11/7-8	1744	0232	8:48	125	134	+ 9	228	4000	0	2.	0		
	SPA-JUA	11/8/44	1515	1943	4:28	128	135	+ 7	224	8000	0	0	3 NBA		
	JUA-BDA	11/8-9	2115	0449	7:34	126	122	- 4	218	8000	0	0	0		
	BDA-NBA	11/9/44	0655	0325	6:30	130	114	-16	232	4500	19	0	0		
													Total Time	67:02	

GENERAL REMARKS: Mail weights listed are local loads only.  
(A) These passengers offloaded from trip 14023

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 Psgrs.		
NBA-BDA	11/5-6	0000	0547	5:47	131	145	+14	194	8000	525	1894	28 BDA 1 LBN 2 FOY		
BDA-LBN	11/6-7	1614	1220	20:06	133	137	+ 4	204	7000	150	0	1 LBN		
LBN-FOY	11/8/44	0005	0749	7:44	133	127	- 6	206	7000	0	0	1 FOY(A)		
													Total Time 33:37	
<u>Trip 13084</u>														
FOY-LBN	11/8/44	1449	2049	6:00	140	153	+13	236	8000	3331	170	11 NBA 1 NAT 1 LBN		
LBN-DKR	11/9/44	0156	1440	13:04	127	128	+ 1	207	2000	66	432	6 NBA		
DKR-NAT	11/9-10	1617	0715	12:58	127	131	+ 4	204	4000	0	0	2 NBA		
NAT-BEL	11/10/44	0906	1538	6:32	142	143	+ 1	206	8000	7	0	1 NBA		
BEL-SPA	11/10-11	1739	0157	8:18	135	139	+ 4	217	8000	0	0			
SPA-JUA	11/11/44	1510	1935	4:25	133	138	+ 5	229	6000	0	0	5 NBA		
JUA-JUA	11/12/44	2116	2506	1:50										Ret. JUA a/c Terminal Waa BDA
JUA-BDA	11/12/44	1032	1719	6:47	142	132	-10	244	8000	0	0	2 NBA		
BDA-NBA	11/12-13	1909	0121	6:12	140	116	-24	242	8000	0	2	7 NBA		Total Time: 66:06

GENERAL REMARKS: Mail weights listed are local loads only.

A This passenger offloaded from Trip 13081

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

ROUTE	TIMES GCT			PERFORMANCE						CARGO				
	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	Remarks
NBA-BDA	11/11/44	1308	1918	6:08	127	127	0	202	1000 3000	0	234	2 FOY (A) 2 LBN 24 BDA		
BDA-LBN	11/16-18	1825	1208	19:43	128	146	+18	196	7000 9000	432	0			
LBN-FOY	11/17/44	0007	0659	6:52	132	151	+19	186	7000	0	0			
												Total Time: 32:43		
Trip 13086														
FOY-LBN	11/17-18	1620	0216	9:56	129	90	-39	192	2000	6607	203	10 NBA 1 NAT		
LBN-LBN	11/18/44	0736	0850	1:14					4000					Ret. a/c mechanical trouble
LBN-DKR	11/19/44	0211	1409	11:58	130	132	+2	216	4000 6000	177.	4.	3 NBA (B)		
DKR-NAT	11/19-20	1810	0700	12:50	129	136	+6	210	4000	203	97.	4 NBA		
NAT-BEL	11/20/44	0838	1448	6:10	132	143	+11	223	6000	0	342			
BEL-SPA	11/20	1636	0046	8:09	134	138	+4	223	8000	0	0			
SPA-JUA	11/21/44	1416	1844	4:28	131	128	-3	231	4000	0	0	20 NBA		
JUA-BDA	11/21-22	2124	0454	7:30	140	128	-12	223	8000	0	0	3 NBA		
BDA-NBA	11/22/44	1157	1925	7:48	129	93	-36	220	10000	29	0	6 NBA		
												Total Time: 70:03		

GENERAL REMARKS: Mail weights listed are local loads only.  
(A) one of these passengers offloaded at BDA  
(B) " of these passengers offloaded at SPA

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

ROUTE	TIMES GCT				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 Psgrs.		
NBA-BDA	11/20/44	1314	1914	6:00	127	121	- 6	193	5000	3001	611	1 LBN 1 HTA (A) 28 BDA 4 FOY		
BDA-LBN	11/21-22	1612	1046	18:34	131	150	+19	201	7000	330	738	0		
LBN-FOY	11/23/44	0122	0800	6:38	144	145	+ 1	320	7000	0	0	1 FOY		Total Time 31:12
Trip 13088														
FOY-LBN	11/23/44	1708	2352	6:44	139	138	- 1	250	8000	8316	871	5 NBA		
LBN-DKR	11/24/44	0205	1405	12:00	128	135	+ 7	203	4000	79	125	3 NBA 1 NAT		
DKR-NAT	11/24-25	1805	0602	11:57	128	143	+15	209	4000 8000	33	29	1 NBA 1 JUA		
NAT-BEL	11/25/44	0850	1502	6:12	144	149	+ 5	230	6000	1019	498	11 NBA 1 SPA		
BEL-SPA	11/25/44	1637	2357	7:20	144	153	+ 9	251	8500	0	0	0		
SPA-JUA	11/26/44	1510	1922	4:12	142	139	- 3	253	8000	0	0	0		
JUA-BDA	11/26-27	2107	0438	7:51	136	121	-15	226	6000 - 8000	0	0	3 NBA		
BDA-NBA	11/27/44	0644	1410	7:26	143	134	- 9	260	8000	25	70	9 NBA		Total Time 63:22

GENERAL REMARKS: Mail weights listed are local loads only  
(A) Offloaded at BDA

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

ROUTE	TIMES GCT			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 Psgrs.		
NBA-BDA	11/23/44	0320	0814	4:54	139	160	+21	230	8500	0	846	4 FOY 2 LBN 16 BDA		
BDA-LBN	11/23-24	1757	1122	17:25	131	163	+32	204	8000	1565	531	0		
LBN-FOY	11/25/44	0037	0857	8:20	130	114	-16	206	7000	0	0	1 FOY		Total Time: 30:39
Trip 13090														
FOY-LBN	11/26/44	0837	1527	6:50	134	143	+9	218	2000 7000	7192	40	4 NBA		
LBN-DKR	11/27/44	0047	1147	11:00	135	150	+15	220	8000	335	7	2 NBA		
DKR-NAT	11/27-28	1801	0654	12:53	131	140	+9	212	4000	0	889	0		
NAT-BEL	11/28/44	0919	1539	6:20	132	147	+15	261	8000	0	0	4 BEL		
BEL-SPA	11/28-29	1724	0122	7:58	142	142	0	237	8000	0	0	0		
SPA-JUA	11/29-30	1510	1930	4:20	134	143	+9	225	8000	0	0	0		
JUA-BDA	11/29-30	2114	0342	6:28	144	138	-6	262	8000	0	0	5 NBA		
BDA-NBA	12/1/44	0718	1422	7:04	130	104	-26	187	2000	0	0	5 NBA		

Total Time: 62:53

GENERAL REMARKS: Mail weights listed are local loads only.



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

ROUTE	TIMES G C T			PERFORMANCE						CARGO		No. Paid Psgrs.	Delays	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.			
NBA-BDA	11/25/44	1302	1811	5:09	126	155	+26	215	7000	2240	487	26 BDA 3 LBN 3 FOY		
BDA-HTA	11/25-26	2045	0915	12:30	129	152	+23	209	7000	1052	37	2 HTA		
HTA-LBN	11/26/44	1202	1923	7:21	135	136	+1	215	7000	42	11	2 LBN		
LBN-FOY	11/27/44	0137	0924	7:47	133	122	-11	211	7000	0	0			
												Total Time: 32:47		
Trip 13092														
FOY-LBN	11/27/44	1546	2231	6:45	142	140	-2	228	8000	5514	2.2	1 NAT 3 NBA		
LBN-DKR	11/28/44	0119	1227	11:08	126	149	+23	198	8000	8.8	0	1 NAT 3 NBA (A)		
DKR-NAT	11/28/44	1814	0654	12:40	126	135	+9	205	4000		800	1 NBA		
NAT-BEL	11/29/44	0830	1425	5:55	142	153	+11	238	8000	0	0			
BEL-SPA	11/29/44	1611	0003	7:52	137	141	+4	228	8000	0	0			
SPA-JUA	11/30/44	1513	1918	4:05	138	143	+5	232	6000	0	0	1 JUA 3 NBA		
JUA-BDA	11/30/44	2102	0355	6:53	134	140	+6	288	6000	0	0	7 NBA		
BDA-NBA	12/1/44	0558	1300	7:02	139	132	-7	225	8000	22	44	10 NBA		
												Total Time: 62:20		

GENERAL REMARKS: Mail weights listed are local loads only.

(A) One of these passengers offloaded at DAKAR

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 Psgrs.		
NBA-BDA	11/29/44	1307	1927	6:20	133	119	-14	226	5000	1599	1492	3 IBN 37 BDA		
BDA-LBN	11/30-12/1	1404	1038	20:34	130	135	+ 5	206	7000	30	0	3 FOY 0		
LBN-FOY	12/2/44	0125	0930	8:05	133	122	-11	242	7000 9000	424	0	0		
												Total Time: 34:59		
Trip 13094														
FOY-LBN	12/2/44	1617	2249	6:32	134	157	+23	263	8000	7803	194	8 NBA		
LBN-DKR	12/3/44	0125	1253	11:28	136	145	+ 9	230	8000	150	3.5	3 NBA		
DKR-NAT	12/3-4	1812	0710	12:58	120	136	+16	227	4000 6000	77	0	1 NAT-		
NAT-BEL	12/4/44	0911	1501	5:50	137	152	+15	248	8000	0	565	0		
BEL-SPA	12/4-5	1650	0058	8:08	131	141	+10	234	8000	7843	668	0		
SPA-JUA	12/5/44	1510	1936	4:26	132	128	+ 4	245	8000	0	0	0		
JUA-BDA	12/6-7	2114	0604	8:50	128	107	-21	227	1000 8000	0	0	3 NBA		
BDA-NBA	12/7/44	1049	1751	7:02	123	102	-21	198	2000	7650	1050	14 NBA		
												Total Time: 65:14		

GENERAL REMARKS: Mail weights listed are local loads only.

PAN AMERICAN AIRWAYS COMPANY  
 ATLANTIC DIVISION  
 Trip Summary - Transatlantic

ROUTE	TIMES		GCT	PERFORMANCE						CARGO				Delays	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 Psgrs.		
NBA-BDA	12/7-8/44	2104	0242	5:38	133	144	+11	230	7000	2299	1740	15	BDA 1 LBN 5 FOY		
BDA-HTA	12/8-9	2100	1136	14:36	130	128	-2	194	7000	23	----	0			
HTA-LBN	12/9/44	1418	2153	7:35	136	133	-3	217	---	2	--	0			
LBN-FOY	12/10/44	0128	1056	9:28	128	129	+1	225	1000 7000	--	--	0			
													Total Time: 37:17		
<u>13098</u>															
FOY-LBN	12/11/44	1536	2242	7:06	123	138	+15	233	8000	6805	116	14	NY (A)		
LBN-DKR	12/15/44	0926	2050	11:24	128	144	+18	200	4000	7119	589	19	NBA (B)		
DKR-NAT	12/16/44	0442	1710	12:28	125	139	+14	193	4000	0	0	0			
NAT-BEL	12/16-17	1922	0156	6:34	132	148	+16	247	8000	1574	71	7	NBA		
BEL-SPA	12/17/44	0456	1310	8:14	135	150	+15	238	8000	0	0	0			
SPA-JUA	12/18/44	0630	1106	4:36	137	136	-2	255	8000	0	0	0			
JUA-BDA	12/18/44	1253	2008	7:15	129	124	-5	225	5000	0	0	1	NBA		
BDA-BDA	12/18/44	2116	2300	1:44											
BDA-NBA	12/19/44	1145	1833	6:48	129	107	-22	244	2000	0	0				
													Total Time: 66:09		

(A) (B) 13 of these passengers originated FOY Trip 13098 NC 18609 & Transferred to NC 18611 at LBN

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. @1/Hr.	Alt.	Contr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Pggrs.	Delays	Remarks
NBA-BDA	12/20/44	1318	1813	4:55	139	162	+23	220	7000	5501	792	19 BDA 2 LBN		
BDA-HTA	12/20-21	2045	0931	12:46	129	148	+19	215	9000	2567	137	1 LBN		
HFA-LBN	12/21/44	1248	2032	7:44	143	125	-18	260	7000	2769	278	5 LBN		
LBN-FOY	12/22/44	0145	1003	8:18	132	121	-11	240	7000	0	0			
												Total Time: 33:43		
<u>Trip 13100</u>														
FOY-LBN	12/23	1606	2322	7:16	135	136	+ 1	235	8000	3980	107	3 NAT 1 LBN 15 NBA		
LBN-DKR	12/24/44	0136	1338	12:02	129	133	+ 4	205	4000	104	395			
DKR-NAT	12/24-25	1801	0639	12:38	128	138	+10	238	6000	9.	0	5 NBA		
NAT-BEL	12/25/44	0840	1522	6:42	131	136	+ 5	233	8000	0	123			
BEL-SPA	12/25-26	1749	0232	8:43	135	131	- 4	237	8000	0	0			
SPA-JUA	12/26/44	1519	1949	4:30	134	131	- 5	262	8000	0	0			
JUA-BDA	12/26-27	2125	0427	7:02	134	123	-11	237	7000	0	0	4 NBA		
BDA-NBA	12/27/44	0648	1307	6:19	136	115	-21	222	8000	7.7	0	1 NBA		
												Total Time: 65:12		

GENERAL REMARKS: Mail weights listed are local loads only.

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

ROUTE	Times G. C. T.			Dook to Dook Time	Performance				Alt.	Cargo		No. Paid Pagsrs.	Delays	Remarks
	Date	Depart	Arrive		TAS Kts.	GS Kts.	Av. Wind. Kts.	Gas Cons. G1/Hr.		Contr. Mail Lbs.	Paid Exp. Lbs.			
NBA-BDA	12/28/44	1554	2030	4:36	134	170	+36	184	7000	2542	674	3 BDA 2 LBN (B) 4 FOY(C)		
BDA-BDA	1/5/45	0218	1953	17:35										Ret. due low fuel reserve
BDA-HFA (A)	1/8/45	1831	1810	21:39	127	113	-13	189	8000	222	0	4 FOY		
HFA-LBN	1/11/45	0908	1649	7:43	132	136	+4	196	7000	10	3.3	0		
LBN-LBN	1/12/45	0006	0836	8:30										Ret. due mechanical trouble
LBN-LBN	1/13/45	1055	1313											Test Flight
LBN-FOY	1/14/45	0718	1519	8:01	129	120	-9	192	1000	59	0			Total Time: 70:22
Trip 13102														
FOY-LBN	1/15/45	0855	1543	6:48	130	146	+16	205	4000	2422	243	2 SPA 2 NAT 24 BDA (D)		
LBN-DKR	1/17/45	0937	2141	12:04	133	133	0	208	9000	1093	0	2 NBA 3 NAT		
DKR-NAT	1/18/45	0145	1341	11:56	131	144	+13	205	4000	888	115			
NAT-BEL	1/18/45	1642	2256	6:14	135	154	+19	220	8000	7.0	0	3 NBA		
BEL-SPA	1/19/45	0055	0857	8:02	138	140	+7	225	8000	3886	316			
SPA-JUA	1/20/45	1514	1930	4:16	138	140	+2	190	6000	0	75			
JUA-BDA	1/20/45	2108	0410	7:02	133	132	+1	210	6000	0	0	18 NBA		
BDA-NBA	1/21/45	0639	1238	5:59	126	119	-7	210	6000	21	82	2 NBA		Total Time: 62:21

(A) Destination: LBN - Ret. to HFA due low fuel reserve  
(B) Passengers offloaded at BDA

(C) Two of these passengers offloaded at BDA  
(D) One of these passengers offloaded at LBN

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PAN AMERICAN AIRWAYS, INC.  
ATLANTIC DIVISION

Trip Summary - Transatlantic

ROUTE	TIMES GGT			PERFORMANCE						CARGO			De'ays	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 Psgrs.		
NBA-BDA	12/30/44	1312	1816	5:04	140	148	+ 8	213	1000 9000	1000	818	5 FOY (A) 8 BDA		
Trip 13104 S														
BDA-NBA	1/6/45	0636	1408	7:32	135	95	-40	243	2000 10000	18	37	29 NBA		

MAIL WEIGHTS LISTED ARE LOCAL LOADS ONLY

(A) All these passengers offloaded at BDA

Regular 13 Route not effected due to weather conditions Mid-Atlantic and insufficient load

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

ROUTE	TIMES GCT			PERFORMANCE						CARGO			Delays	Remarks
	Date	Depart	Arrive	Dock to Dock Time	TAS Kts.	GS Kts.	AV. Wind Kts.	Gas Cons. G1/Hr.	Alt.	Confr. Mail Lbs.	Paid Exp. Lbs.	No. Paid Pgms.		
NBA-BDA	1/3/45	1932	0057	5:25	140	145	+ 5	210	7000	1594	900	1 DKR 3 FOY (A) 2 LBN 21 BDA		
BDA-SPA	1/5-6/45	2247	0807	9:20	139	150	+11	232	8000	2448	284	5 FOY 3 LBN		
SPA-BEL	1/6/45	0944	1801	8:17	141	142	+ 1	213	8500	0	0			
BEL-BEL	1/6/45	2102	2128	:28										Ret. due engine trouble
BEL-NAT	1/7/45	0125	0813	6:48	140	135	- 5	235	8000	0	0	11 NAT		
NAT-DKR	1/7-8/45	1305	0254	13:49	127	124	- 3	210	1000 7000	0	42	2 DKR		
DKR-LBN	1/8/45	0520	1737	12:17	133	130	- 3	227	7000	0	0			
LBN-FOY	1/9/45	0133	1205	10:32	123	103	-20	188	1000	0	0	4 FOY		
Trip 13108														
FOY-LBN	1/9/45	1542	2186	6:14	133	165	+32	210	2000	10849	27			
LBN-DKR	1/10/45	0130	1254	11:24	127	142	+15	190	6000	172	0	1 NBA		
DKR-NAT	1/10-11	1815	0718	13:03	128	133	+ 5	192	4000	22	4	2 NBA		
NAT-BEL	1/11/45	0940	1617	6:37	138	151	-13	245	8000	0	135	2 NBA		
BEL-SPA	1/11/45	1809	0219	8:10	139	139	0	225	7200	0	0			
SPA-JUA	1/12/45	1537	1948	4:11	141	137	- 4	247	8000	0	26	11 NBA		
JUA-BDA	1/12-13	2119	0425	7:06	132	125	- 7	245	3000	9930	180			
BDA-NBA	1/13/45	1240	1900	6:20	123	127	+ 4	205	2000	18	84			

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