

2019

N198DM

N672LS ENGINE CONDITION TREND MONITORING LOG

DATE	HR MTR	CRZ WT	ALT	IOAT	IAS	PROP RPM	BOOK TQ	ITT		TORQUE		Ng		Wf		OIL T		OIL P		LOAD		INV #	S & PP		ΔP psid
								L	R	L	R	L	R	L	R	L	R	L	R	L	R		inHg	psig	
6/4			270	-26	175	1700	1600	710	720	16	16	96	96			40	50	110	110	30	30	2			6.4
6/6			270	-25	173	1700	165	710	720	16	16	96	96			50	50	110	110	28	28	1			6.4
6/29			200	-20	170	1675		720	710	15.5	16	94	96			50	50	110	110	28	25	2			6.2
7/8	889.5		280	-24	168	1675		740	720	15	15	95	96			50	50	110	110	32	30	2			6.4
7/11	889.5		270	-22	173	1675	1650	720	740	16.5	16.5	97	96			50	50	110	110	30	28	1			6.4
9/13	894.8		280	-24	166	1660	1600	720	730	16	15.8	96	96			50	50	110	110	28	25	2			6.4
9/13	886.6		280	-24	167	1675		730	730	15.4	15.4	98	96			50	50	110	110	28	28	1			6.4
9/20	901.4	12300	870	-22	166	1680		740	710	15.0	15.2	95.5	97	280	280	40	42	120	120	28	25	1	4.6	17	6.4
9/29	903.8		280	-18	160	1685		740	705	15.0	15.8	94	96	240	252	42	42	120	120	28	25	2	4.4	16.9	6.4
10/1	907.1		270	-20	175	1700	1620	720	737	16.2	16.2	92.9	92.0	290	300	50	55	120	120	28	25	1			6.5
10/1	908.7		270	-18	155	1700	1680	720	740	12	12.2	95.5	96	250	250	48	48	120	120	28	25	2	4.6	16.9	6.5
10/28	912.5	12240	280	-27	169	1690		700	710	15.8	15.5	97	97.5	280	280	45	50	110	110	31	29	1	4.5	17.0	6.5
10/29	915.5	11200	280	-29	175	1680	168	710	720	16.4	16.2	98.1	98.6	280	280	40	45	120	110	29	25	2	4.5	16.9	6.4
10/29	916.7	12200	280	-28	172	1700	1690	708	712	16.4	16.2	98.2	98.9	300	290	42	45	110	110	28	22	2	4.5	17.0	6.4
11/10	920.5	12200	270	-23	175	1690	1680	720	730	16.8	16.6	98.8	98.9	300	300	45	45	110	110	28	26	2	4.6	17.0	6.4
11/19	924.7	11800	280	-33	172	1690	1680	720	740	16.8	16.6	98.9	99.0	300	300	41	41	110	110	28	26	1	4.5	17.0	6.4
11/19	928.5	11800	280	-28	170	1690	1680	710	720	16.0	16.0	97.8	98.9	280	280	40	42	110	110	28	26	2	4.5	17.0	6.4
12/6	931.4	11800	270	-26	165	1680	1680	730	730	16.8	16.0	99.0	98.9	300	280	45	45	110	110	28	25	1	4.6	17.0	6.4
12/27	936.7	11800	280	-33	176	1660	1660	715	725	17.2	17.0	98.9	98.9	300	300	40	40	110	110	28	28	2	4.6	17.0	6.4
12/27	937.6	11800	280	-36	173	1680	1680	690	710	16.5	16.5	98.7	98.8	295	295	40	40	110	110	28	26	1	4.6	17.0	6.4
12/27	940.4	11800	28	-42	178	1700	1680	705	720	17.5	17.5	98.9	98.9	300	300	38	38	110	110	28	28	2	4.6	17.0	6.4

N198DM BB-1198 ENGINE CONDITION TREND MONITORING LOG

2020

DATE	HR MTR	CRZ WT	ALT	IOAT	IAS	PROP RPM	BOOK TQ	ITT		TORQUE		Ng		Wf		OIL T		OIL P		LOAD		S & PP		ΔP
								L	R	L	R	L	R	L	R	L	R	L	R	L	R	inHg	PSI	
1/5	942.3	1250	270	-28	176	1680		1720	1710	720	740	98.8	98.9	310	310	40	42	110	110	28	28	4.6	17.0	4
1/13	946.2	1215	280	-36	175	1660		1680	1705	1650	1650	98.2	97.8	300	300	39	40	110	110	28	28	4.6	17.0	6.4
1/13	956.7	1215	280	-36	175	1680		1710	720	1700	1680	98.8	98.9	300	280	40	40	110	110	28	28	4.6	17.0	6.4
2/14	986.9	1200	270	-33	180	1680		705	715	1750	1750	98.9	98.9	310	310	40	40	110	110	28	28	4.6	17.0	6.4
2/20	961.2	12500	280	-40	177	1680		700	720	1700	1700	98.8	98.0	300	300	40	40	110	110	28	28	4.6	17.0	6.4
2/20	964.3	11750	280	-34	178	1680		720	730	1700	1700	98.8	98.8	300	300	40	40	110	110	28	28	4.6	17.0	6.4
4/8																								
4/9		11500	280																					
4/9		11500	280																					
4/9	978.6	11500	280	-32	175	1680		730	740	1710	1690	98.9	98.9	310	300	40	40	110	110	28	28	4.6	17.0	6.4
5/3	980.5	1200	270	-24	175	1680		720	725	1690	1680	98.9	98.9	310	300	45	45	110	110	28	28	4.6	17.0	6.4
5/4	984.7	11000	230	-21	188	1700		680	695	1820	1820	98.2	97.5	330	330	45	50	110	110	30	25	4.8	17.0	6.4
5/12	988.7	1100	240	-22	188	1720		715	725	1920	1920	98.0	99.2	350	340	50	50	115	115	30	26	4.8	17.0	6.4
5/13	987.7	1100	280	-30	178	1680		720	720	1760	1680	98.9	98.8	310	280	45	50	110	110	30	25	4.6	17.0	6.4
5/13	991.2	1100	280	-28	178	1680		710	720	1700	1680	97.8	98.8	300	290	45	45	110	110	30	25	4.6	17.0	6.4
5/15	993.8	11000	16.5	+01	20	1620		660	665	2000	2000	94.5	95.4	360	355	60	60	110	120	33	28	5.0	17.0	6.2
6/7	995.1	1250	270	-21	173	1680		730	730	1720	1700	98.8	98.9	310	300	50	50	110	110	30	28	4.5	17.0	6.4
6/16	1000.3	1200	160	+2	193	1700		650	650	1680	1700	92.2	92.3	320	330	50	50	110	110	20	18	4.5	17.0	6.2
7/7	1001.7	1200	288	-22	168	1650		720	720	1600	1600	96.7	97.8	280	280	50	50	110	110	35	28	4.5	17.0	6.4
7/7	1004.8	1200	280	-22	170	1680		720	720	1610	1600	96.7	97.4	280	280	50	50	110	110	32	28	4.5	17.0	6.4
7/18	1008.9	12000	270	-18	174	1700		740	730	1700	1680	96.8	97.9	300	300	50	50	110	110	30	25	4.8	17.0	6.4

Section IV
Normal Procedure

SIMUL

When e
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instant

1. P
2. P

NO
App
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