

N318DN

1981 Citation I/SP

CESCOM 20



MSN: 501-0184

Prepared by the worldwide aviation specialists at RidgeAir, Inc.



CESCOM 20 - Projected Maintenance Due

Owner: **DEAN LUMBER CO**
Aircraft Model: **501 - MODEL 501**
Aircraft Serial: **501-0184**
Unit: **0575** Reg No: **N318DN**
Airworthiness: **30-Jan-1981**
Print Date: **11-Nov-2025 2:20PM**

Tracking Rate	Last Actual			Daily Utilization		Projection			
	Hours	Events/Landings	Date	Average	Projected	Hours	Events/Landings	Days	Months
AIRCRAFT	9551.3	6630	09-Oct-2025	.12	0.66	71.67	53	109	3
ENG 1	6108	6228	09-Oct-2025	.9	0.66	71.67	53	109	3
ENG 2	9406.2	6554	09-Oct-2025	.12	0.66	71.67	53	109	3
AIR COND	22.9		09-Oct-2025	.9	0.07	7.15		109	3

**** Please note the presentation of Service Bulletins without due times will no longer appear on this report. All applicable Service Bulletins can still be found on the CESCOM 10 report. Please contact your Aircraft Analyst for any questions regarding this change.**

Program Types

AIRCRAFT **SERIAL/REGNO:** 501-0184 / N318DN **MODEL:** 501 - MODEL 501 **MANUFACTURER:** TEXTRON AVIATION INC.

UTILIZATION: N/A
OPERATING REGULATION: N/A
REGION OF OPERATION: MODERATE TO SEVERE CORROSIVE ENVIRONMENT
OPTIONAL EQUIPMENT: VAPOR CYCLE COOLING SYSTEM

ENGINE NO. 1 **SERIAL/PART:** PCE-77293 / 3018700 **MODEL:** JT15D-1/-1A/-1B/-4/-4B/-4D **MANUFACTURER:** PRATT & WHITNEY CANADA CORP.

UTILIZATION: N/A
OPERATING REGULATION: N/A
REGION OF OPERATION: N/A
OPTIONAL EQUIPMENT: N/A

ENGINE NO. 2 **SERIAL/PART:** PCE-77129 / 3018700 **MODEL:** JT15D-1/-1A/-1B/-4/-4B/-4D **MANUFACTURER:** PRATT & WHITNEY CANADA CORP.

UTILIZATION: N/A
OPERATING REGULATION: N/A
REGION OF OPERATION: N/A
OPTIONAL EQUIPMENT: N/A

These program types are defined in the OEM manual and can differ from your other settings. These selections will impact the active OEM interval defined on the aircraft status.

As an example,

1. Your aircraft might be EASA registered but you choose to follow the OEM recommended interval for Transport Canada. In that case the operating regulation would be TCCA and can be set to EASA if OEM did not specify intervals for EASA operation.
2. Region of Operation is driven from the OEM manual and the selection between Airframe, Engine and APU can differ since the OEM manual can have requirements dependent on different regions of operation.



CESCOM 20 - Projected Maintenance Due

Owner: **DEAN LUMBER CO**
Aircraft Model: **501 - MODEL 501**
Aircraft Serial: **501-0184**
Unit: **0575** Reg No: **N318DN**
Airworthiness: **30-Jan-1981**
Print Date: **11-Nov-2025 2:20PM**

Tracking Rate	Last Actual			Daily Utilization		Projection			
	Hours	Events/ Landings	Date	Average	Projected	Hours	Events/ Landings	Days	Months
AIRCRAFT	9551.3	6630	09-Oct-2025	.12	0.66	71.67	53	109	3
ENG 1	6108	6228	09-Oct-2025	.9	0.66	71.67	53	109	3
ENG 2	9406.2	6554	09-Oct-2025	.12	0.66	71.67	53	109	3
AIR COND	22.9		09-Oct-2025	.9	0.07	7.15		109	3

**** Please note the presentation of Service Bulletins without due times will no longer appear on this report. All applicable Service Bulletins can still be found on the CESCOM 10 report. Please contact your Aircraft Analyst for any questions regarding this change.**

New Requirements/Action Items

Item Code	Description	City	Part Number	C/W Time 1	Adj.	TBO 1	TSO 1	DUE 1	Remains
Position	Drawing # / Task #	Mod Lvl	Part Serial No	C/W Time 2	+ or -	TBO 2	TSO 2	DUE 2	Remains
720010	OIL ANALYSIS	YSTW		MTH 13-Mar-2020		25		30-Apr-2022	-42 m 11 d
E1				HRS		330 HRS			?
									Over Due

Overdue Maintenance Tasks

Item Code	Description	City	Part Number	C/W Time 1	Adj.	TBO 1	TSO 1	DUE 1	Remains
Position	Drawing # / Task #	Mod Lvl	Part Serial No	C/W Time 2	+ or -	TBO 2	TSO 2	DUE 2	Remains
5-12-13	PHASE 13 INSPECTION			MTH 07-Feb-2025		3		31-May-2025	-5 m 11 d
051215		KJSO		HRS 9520.8		100		9620.8	69.5
				LDG 6625					
									Over Due
B243003	FUNCTIONAL CHECK BATTERY LEAD ACID BATTERY (CAPACITY CHECK): PHASE 54 INSPECTION			MTH 07-Feb-2025		3		31-May-2025	-5 m 11 d
		KJSO	S3597-8	HRS 9520.8		200		9720.8	169.5
			40717347	LDG 6625					
									Over Due
5-12-57	PHASE 57 INSPECTION			MTH 07-Feb-2025		6		31-Aug-2025	-2 m 11 d
		KJSO		HRS 9520.8					
				LDG 6625					
									Over Due

Scheduled Maintenance Tasks

Item Code	Description	City	Part Number	C/W Time 1	Adj.	TBO 1	TSO 1	DUE 1	Remains
Position	Drawing # / Task #	Mod Lvl	Part Serial No	C/W Time 2	+ or -	TBO 2	TSO 2	DUE 2	Remains
052501	FIRST AID KIT P/N 932-1528-61 (EXPIRATION)			MTH 07-Feb-2025				06-Feb-2026	2 m 26 d
		KJSO		HRS 9520.8					
				LDG 6625					
				MSC		DUE			
053417	INSPECT RDR 2000 ICA			MTH 07-Feb-2025		12		28-Feb-2026	3 m 17 d
		KJSO		HRS 9520.8					
				LDG 6625					
5-12-18	PHASE 18 INSPECTION			MTH 07-Feb-2025		12		28-Feb-2026	3 m 17 d
051005		KJSO		HRS 9520.8					
				LDG 6625					
5-12-53	PHASE 53 INSPECTION			MTH 07-Feb-2025		12		28-Feb-2026	3 m 17 d
051253		KJSO		HRS 9520.8					
				LDG 6625					

Service Bulletins

Item Code	Description	City	Part Number	C/W Time 1	Adj.	TBO 1	TSO 1	DUE 1	Remains
Position	Drawing # / Task #	Mod Lvl	Part Serial No	C/W Time 2	+ or -	TBO 2	TSO 2	DUE 2	Remains
SB JT15D-72-7655	INSPECTION OF - TURBOFAN ENGINE IMPELLER REAR FACE								
R01				MSC		HSI			
E1			CATEGORY 3						
SB JT15D-72-7655	INSPECTION OF - TURBOFAN ENGINE IMPELLER REAR FACE								
R01				MSC		HSI			
E2			CATEGORY 3						
SL CIL-32-03	NLG UPLOCK ROLLER BRACKET INSPECTION			MTH		-			
			RECOMMENDED	MSC					



CESCOM 20 - Projected Maintenance Due

Owner: **DEAN LUMBER CO**
Aircraft Model: **501 - MODEL 501**
Aircraft Serial: **501-0184**
Unit: **0575** Reg No: **N318DN**
Airworthiness: **30-Jan-1981**
Print Date: **11-Nov-2025 2:20PM**

Tracking Rate	Last Actual			Daily Utilization		Projection			
	Hours	Events/Landings	Date	Average	Projected	Hours	Events/Landings	Days	Months
AIRCRAFT	9551.3	6630	09-Oct-2025	.12	0.66	71.67	53	109	3
ENG 1	6108	6228	09-Oct-2025	.9	0.66	71.67	53	109	3
ENG 2	9406.2	6554	09-Oct-2025	.12	0.66	71.67	53	109	3
AIR COND	22.9		09-Oct-2025	.9	0.07	7.15		109	3

**** Please note the presentation of Service Bulletins without due times will no longer appear on this report. All applicable Service Bulletins can still be found on the CESCOM 10 report. Please contact your Aircraft Analyst for any questions regarding this change.**

Airworthiness Directives

Item Code	Description	Part Number	C/W Time 1	Adj.	TBO 1	TSO 1	DUE 1	Remains		
Position	Drawing # / Task #	City	Mod Lvl	Part Serial No	C/W Time 2	+ or -	TBO 2	TSO 2	DUE 2	Remains
FAA 2025-07-01	APPLIANCE AD - THOMMEN AIRCRAFT EQUIPMENT AG (THOMMEN) AC32 DIGITAL AIR DATA COMPUTERS (ADCS)									
				MTH			12 MTH		15-May-2026	6 m 4 d
				MANDATORY						
TCCA CF-2022-27	REMOVE THE IMPELLER P/N 3020365 AND REPLACE WITH A NON-P/N 3020365 IMPELLER									
PARA (C)				MTH						
E1				MANDATORY	HRS				10421.3	870
					MSC		E/OVH			
TCCA CF-2022-27	PERFORM A ONE-TIME INSPECTION ON THE BACK FACE OF THE IMPELLER;* IF ANY UNACCEPTABLE MACHINING WITNESS LINES, OR CRACK INDICATIONS ARE FOUND, BEFORE FURTHER FLIGHT, REPLACE THE IMPELLER P/N 3020365 WITH A NON-P/N 3020365 IMPELLER									
PARA (A)				MTH						
E1				MANDATORY	HRS				10436.7	885.4
					MSC		HSI			
FAA 2015-17-12	REPLACE THE A/C COMPRESSOR MOTOR BRUSHES WITH NEW BRUSHES (USING THE HOUR READING ON THE A/C COMPRESSOR HOUR METER DETERMINED IN PARA (H) OF THIS AD)									
PARA (I)		KPAE		MTH	26-Oct-2015					
				MANDATORY	HRS	9062.9				
					LDG	6372	-22.9			
					ACH	22.9		500	500	477.1
COMPLIED WITH AD2015-17-12 DATED SEP 29, 2015 BY INSPECTION OF AIRCRAFT.* FOUND A/C HAS 22.9 HOURS SINCE INSTALLED NEW, NO FURTHER ACTION* REQUIRED. INSPECTION VERIFIED VIA PARAGRAPH H 2 (I)										