

AerPrice Maintenance Input xl Spreadsheet V12 Update

1. Introduction

AerPrice MSN Maintenance scenarios are created by completing the Aerprice maintenance input xl file for the relevant scenario and uploading the file with relevant aircraft maintenance information (lease and utilisation data) to Aerprice.

Currently, the maintenance input file (ref. Section 3, Aircraft_Inputs_Master_v12.xls) supports scenarios associated with 6 aircraft types (ATR42, ATR72, Q400, CRJ900, CRJ1000, A320).

The aircraft type is selected from the aircraft drop-down menu in the Burn Data worksheet (cell C2), the aircraft drop down menu (cell C2) in the Lease data worksheet is also automatically selected with the aircraft type.

When an aircraft type as above is selected from the drop-down menu, the xl file auto populates with the relevant description names and data into the Burn Data and Lease Data worksheets.

The burn data and relevant dates information is entered into the Burn data worksheet. Each aircraft Burn Data worksheet contains several dates fields to be entered. There is now a requirement to ensure that the date entered for the "Spec Date" value is also automatically populated into the "Original Start Date" field.

2. Required Update to Aircraft Maintenance Input File

Reference to the updating of the Burn Data worksheet which is selected for an ATR42 aircraft in fig 1 below.

There are several dates fields to be entered into the burn data worksheet for each aircraft. The requirement is to link/auto-populate the value that is entered into the "Spec Date" field into the "Existing Lease Start Date" field. When a Spec Date is entered for an aircraft, the xl worksheet should auto-populate the "Spec-Date" value into the "Existing Lease Start Date" field for the aircraft.

Referencing fig 1. below, which illustrates an ATR42 and highlights that the updated maintenance file should auto-populate the Spec Date details entered red circle 1 (31/01/2023 in this example) and copy the same date (31/01/2023) into the Existing Lease Start Date.

This copy / auto-populate "rule" of dates from Spec Date to Lease Start Date should be applied to all 6 aircraft that are selectable from the drop-down menu on the Burn data worksheet.

Fig1: Burn Data Tab with ATR42 aircraft selected.

Ind	Description	Aircraft	LD Date if Applicable
1	Type	ATR42	
2	MSN	0	
3	Reg	A-TEST	
4	TSN	0	
5	CSN	0	
6	Spec_Date	31/01/2023	
7	H/LD	0	
8	E2_LD	0	
9	E4_LD	0	
10	Y2_LD	0	
11	Y4_LD	0	
12	Y8_LD	0	
13	FC36000_LD	0	
14	Engine1_ESN	0	
15	Engine1_TSN	0	
16	Engine1_CSN	0	
17	Engine2_ESN	0	
18	Engine2_TSN	0	
19	Engine2_CSN	0	
20	E1_HSL_LD	0	
21	E1_OH_LD	0	
22	E1_HP_Impeller_ECSN	0	
23	E1_LP_Impeller_ECSN	0	
24	E1_HP_Disk_ECSN	0	
25	E1_LP_Disk_ECSN	0	
26	E1_PT1_Disk_ECSN	0	
27	E1_PT2_Disk_ECSN	0	
28	E1_Front_Cover_ECSN	0	
29	E1_Rear_Cover_ECSN	0	
30	E1_Air_Seal_ECSN	0	
31	E2_HSL_LD	0	
32	E2_OH_LD	0	
33	E2_HP_Impeller_ECSN	0	
34	E2_LP_Impeller_ECSN	0	
35	E2_HP_Disk_ECSN	0	
36	E2_LP_Disk_ECSN	0	
37	E2_PT1_Disk_ECSN	0	
38	E2_PT2_Disk_ECSN	0	
39	E2_Front_Cover_ECSN	0	
40	E2_Rear_Cover_ECSN	0	
41	E2_Air_Seal_ECSN	0	
42	NLG_CSN	0	
43	LMLG_CSN	0	
44	RMLG_CSN	0	
45	NLG_CSN_OH	0	
46	LMLG_CSN_OH	0	
47	RMLG_CSN_OH	0	
48	LProp_TSN	0	
49	RProp_TSN	0	
50	LProp_TSN_OH	0	
51	RProp_TSN_OH	0	
52	Existing_Lease_Start_Date		
53			
54			

3. Supporting Reference Documents

a. Aircraft_Inputs_Master_v12.xls