

UNITED AIRLINES

This certification is a true and accurate history based on documentation on file.

Part Name:	DISK C-4	TSN:	7823
Part Number:	669624	CSN:	1715
Serial Number:	ABDUAL2513	Cycles Remaining:	13285

Installation/Removal History

	TSN at Installation	CSN at Installation	TSN at Removal	CSN at Removal	Usage-Hours	Usage-Cycles
Engine Order Number	T969		T440			
Engine Serial Number	689528	52364	56781	13144	4417 ✓	889 ✓
Part Serial Number	ABDUAL2513	0	4417	889	4417	889

	TSN at Installation	CSN at Installation	TSN at Removal	CSN at Removal	Usage-Hours	Usage-Cycles
Engine Order Number	T452		T507			
Engine Serial Number	689504	66458	67031	16023	573 ✓	125 ✓
Part Serial Number	ABDUAL2513	4417	4990	1014	573	125

	TSN at Installation	CSN at Installation	TSN at Removal	CSN at Removal	Usage-Hours	Usage-Cycles
Engine Order Number	T472		T628			
Engine Serial Number	689609	63769	66535	13733	2766 ✓	686 ✓
Part Serial Number	ABDUAL2513	4990	7756	1700 ✓	2766	686 ✓

	TSN at Installation	CSN at Installation
Engine Order Number	T644	
Engine Serial Number	685969	73200
Part Serial Number	ABDUAL2513	7756

Della Hunt *Della Hunt* Maintenance Data Controller-Maintenance Records

12/28/00DH

ENH555D0

* * * ENGINE MAINTENANCE SYSTEM * * *

12/26/00 09:41:34 PAGE: 001

SERDIS

PART SERIAL DATA DISPLAY

SERIAL PART FUNCTION NOUN

NUMBER* NUMBER\ NUMBER\

ABDUAL2513 669624 00824 DISK C-4 UA 7J

PRINT: ACTUALS: ACCUMS: OPER PWR RTGS: DIMENSIONS: COAS: LIMITS:

P Y Y Y Y

PRIOR SERIAL

ON ORDN FT64

DATE ON/OFF LOG 032696

SERV STATUS S

DATE LAST SERV 032696

PRORATE INDICATOR Y

COMMENTS

VALUE ACCUMULATIONS

ACCUMS:

07823 TSN

01715 CSN

07823 TSDPI

01715 CSDDI

OPERATING POWER RATING

7J -00824

DIMENSIONS

* * * NO DATA TO REPORT * * *

CHANGE ORDER AUTHORIZATIONS

* * * NO COMPLETED COA DATA TO REPORT * * *

* * * NO OPEN COA DATA TO REPORT * * *

LIMITS - CURRENT POWER RATING

LIMITS

VALUE/DAYS CURRENT

VALUE/DAYS CURRENT

TYPE VALUE

REMAIN

ACCUMULATION

TYPE VALUE

REMAIN

ACCUMULATION

H 015000

13285

01715 CSN

B 027000

19177

07823 TSNDI

THIS UNIT IS UNDER WARRANTY

* * * END OF REPORT * * *

PSEN445A-1
11/28/00

UNITED AIRLINES ENGINE MAINTENANCE SYSTEM
LIFE LIMIT AUDIT FOR SERIAL
REASON: RELEASE DESTINATION:

PAGE: 1
TIME: 09:18

UNIT SERIAL NBR	ENG MOD TYP NAME	POWER RATING	CUST CODE	UNIT TSN	UNIT CSN	HARD LIMIT NLA LOWEST REMAINING	LIMIT TYPE	UNIT ACCUMULATION VALUE	LIMIT REMAINING VALUE	STATED LIMIT IN ENG VALUE
685969	T JT9D	7J	UA	73200	18514	T 15073 C 01979				

UNIT TT	UNIT TC	VISIT TYPE	ORDER NUMBER	DATE MAINT	DATE COMPLETED	REASON REMOVED OR MAINTENANCED
73200	18514	ESV	1644	07/12/00	11/28/00	TIME-HQC
69590	17544	OFW	1503	03/02/99	03/17/99	SURGES
68055	17223	OFW	1427	06/29/98	07/27/98	HIGH BREATHER TEMP
64229	16441	ESV	1977	03/07/97	04/01/97	TEST CELL REJECT
64229	16441	ESV	1466	12/15/96	03/07/97	MIS OIL FILTER BYPASS
62520	16157	ESV	1613	01/29/96	06/20/96	TIME
60136	15854	CSV	1454	04/05/95	04/26/95	FAILED GEARBOX
55859	15221	ESV	1924	03/08/94	03/16/94	TEST CELL REJECT
55859	15221	ESV	1452	12/30/93	03/08/94	COMBUSTOR DISTRESS
50276	14431	ESV	1615	04/19/92	06/08/92	COMB LINER BURN THRU
49750	14361	DWM	1013	02/09/92	02/18/92	RPL FAN BLDS
46372	13892	OTH		00/00/00	05/15/91	INITIALIZATION J5873

MODULE LIFE LIMIT SUMMARY

NAME	SERIAL NBR	DATE ONLOG	MODULE ACCUMULATIONS	HARD LIMIT NLA LOWEST REMAINING	LIMIT TYPE	LIMIT REMAINING VALUE	STATED LIMIT IN ENG VALUE
ACCESSORY PACKA	Q 685969		UNKN TSN 00000 CSMI	UNKN CSN 00000 TSMT	A TSMT	07000	07000 T 080200

FAN ROTOR MODUL	G 85782	11/01/00	UNKN TSN 00000 CSMI	UNKN CSN 00000 TSMT	C 04873		
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LOW PRES COMP M	F 62609	09/07/00	78206 TSN 00000 CSMI	17598 CSN 00000 TSMT	C 06428		
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FAN CASE MODULE	L 95729	04/04/96	UNKN TSN UNKN CSMI	UNKN CSN UNKN TSMT			
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UNITED

PSEN445A-1
11/28/00

UNITED AIRLINES ENGINE MAINTENANCE SYSTEM
LIFE LIMIT AUDIT FOR SERIAL
REASON: RELEASE DESTINATION:

PAGE: 9
TIME: 09:18

UNIT SERIAL NBR ENG MOD POWER RATING CUST CODE TSN UNIT UNIT
685969 T JT9D 7J UA 73200 18514

FUNCTION LIFE LIMIT SUMMARY BY NHA

NHA NAME MT SERIAL NBR
LOW PRES COMP M F 62609

FUNC NAME	POS	SERIAL NBR PART NUMBER	DATE ONLOG	FUNCTION ACCUMULATIONS	LIMIT TYPE	LIMIT VALUE	REMAIN-ING VALUE	STATED LIMIT IN ENG VALUE
00829	001	UAC00260680 9DC2SET1	08/04/00	UNK CSN	00000	TSDPI		
00830	001	UAC00260680 9DC3SET2	08/04/00	UNK CSN	00000	TSDPI		
00831	001	UAC00243612 9DC4SET1	08/04/00	UNK CSN	07756	TSDPI		
00822	001	H47113 706422	08/04/00	08572 CSN	00000	TSDPI	15000	06428 C 024942
00823	001	A113AA0018 645833	08/04/00	03174 CSN	00000	TSDPI	15000	11826 C 030340
00824	001	ABDUAL2513 669624	03/26/96	01700 CSN	07756	TSDPI	15000	13300 C 031814
00825	001	62686 674182	08/04/00	17036 CSN	00000	TSDPI	27000	19244 T 092444
00826	001	131 647711	08/04/00	UNK CSN	00000	TSDPI		
00828	001	JN3040 768871	08/04/00	UNK CSN	00000	TSDPI		

UNITED AIRLINES
BACK-TO-BIRTH HISTORY

This is a true and accurate history based on records on file.

REMOVAL DATE	Ser Nbr	Prior Ser Nbr	Part Nbr	Orig Ha Mod Type	Orig Ha Ser Nbr	Eng Ord Nbr	Cust Id	Pwr Rtg	ENGINE TSN	ENGINE CSN	PART TSN	PART CSN
22-Dec-00	ABDUAL2513		669624		685969	T684	UA	7 J	73267	18529	7823	1715
23-May-00	ABDUAL2513		669624		689609	T628	UA	7 J	66535	13733	7756	1700
12-Mar-99	ABDUAL2513		669624		689504	T507	UA	7 J	67031	16023	4990	1014
03-Aug-98	ABDUAL2513		669624		689528	T440	UA	7 J	56781	13144	4417	889
24-Apr-98	ABDUAL2513		669624		689528	T044	UA	7 J	56106	13005	3742	750
07-Jul-97	ABDUAL2513		669624		689528	T607	UA	7 J	53998	12550	1634	295

UNITED AIRLINES
OFFICIAL ENGINE RECORD

SFOMR DATE: 01-07-2001

VERIFIED BY: Bella Hunt



PSEN445A-1
05/17/99

UNITED AIRLINES ENGINE MAINTENANCE SYSTEM
LIFE LIMIT AUDIT FOR SERIAL
REASON: RELEASE DESTINATION:

PAGE: 1
TIME: 08:17

UNIT SERIAL NBR	ENG MOD TYP	MOD NAME	POWER RATING	CUST CODE	UNIT TSN	UNIT CSN	HARD LIMIT NLA LOWEST REMAINING	LIMIT TYPE	UNIT ACCUMULATION VALUE	LIMIT REMAINING VALUE	STATED LIMIT IN ENG VALUE
689609	T	JT9D	7J	UA	63769	13047	T 14262 C 00731				

UNIT TT	UNIT TC	FIELD IND	ORDER NUMBER	DATE MAINT	DATE MAINT COMPLETED
63769			13047	11/21/98	05/17/99
60409			12370	1544	04/02/97 08/28/97
56050			11702	1459	10/21/95 02/28/96
54077			11412	2	05/12/95 05/18/95
50998			10987	1585	04/01/94 07/11/94
46730			10392	3	1354
42624			09840	5	00/00/00 08/07/91

MODULE LIFE LIMIT SUMMARY

NAME MT	SERIAL NBR	DATE ONLOG	MODULE	ACCUMULATIONS	HARD LIMIT NLA LOWEST REMAINING	LIMIT TYPE	LIMIT VALUE	REMAINING VALUE	STATED LIMIT IN ENG VALUE
ACCESSORY PACKA	Q 689609		UNK	TSN 00677 CSMI	UNK CSN	03360 TSMI	A TSMI	07000	03640 T 067409
FAN ROTOR MODUL	G 89617	07/23/97	UNK	TSN 00000 CSMI	UNK CSN	00000 TSMI	C 10641		
LOW PRES COMP M	F 62609	03/23/99	UNK	TSN 75440 CSMI	UNK CSN	00000 TSMI	C 00731		
FAN CASE MODULE	L 89609		UNK	TSN UNK CSMI	UNK CSN	UNK TSMI			
INTER CASE MODU	P 62627	03/05/99	UNK	TSN 81252 CSMI	UNK CSN	00000 TSMI			
TURB COMPLING M	T 62715	03/10/99	UNK	TSN 78549 CSMI	UNK CSN	00000 TSMI			

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05/17/99

UNITED AIRLINES ENGINE MAINTENANCE SYSTEM
REASON: RELEASE
LIFE LIMIT AUDIT FOR SERIAL DESTINATION:

PAGE: 12
TIME: 08:17

UNIT SERIAL NBR ENG MOD NAME POWER RATING CUST CODE UNIT UNIT
689809 T JT9D 7J UA 63769 13047

FUNCTION LIFE LIMIT SUMMARY BY NHA

NHA NAME MT SERIAL NBR
LDW PRES COMP M F 62609

FUNC NAME	POS	SERIAL NBR PART NUMBER	DATE ONLOG	FUNCTION ACCUMULATIONS	LIMIT TYPE	LIMIT VALUE	REMAIN-ING VALUE	STATED LIMIT IN ENG VALUE
00830	001	UA00122375 9DC3SET2	03/26/96	24094 TSN 01014 CSDPI	03922 CSN	04990 TSDPI		
00831	001	UA00243612 9DC4SET1	03/26/96	UNK TSN 01014 CSDPI	UNK CSN	04990 TSDPI		
00832	001	QZ0856 706422	11/03/98	57277 TSN 00125 CSDPI	14269 CSN 00573 TSNDT	00573 TSDPI 00125 CSNDT	15000 21000	00731 20427
00833	001	8Y2744 645833	03/26/96	56405 TSN 01014 CSDPI	13236 CSN 23114 TSNDT	04990 TSDPI 03992 CSNDT	15000 27000	01764 03886
00824	001	ABDUAL2513 669624	03/26/96	04990 TSN 01014 CSDPI	01014 CSN 04990 TSNDT	04990 TSDPI 01014 CSNDT	15000 27000	13986 22010

UNITED AIRLINES
BACK-TO-BIRTH HISTORY

This is a true and accurate history based on records on file.

REMOVAL DATE	Ser Nbr	Prior Ser Nbr	Part Nbr	Orig Ha Mod Type	Orig Ha Ser Nbr	Eng Ord Nbr	Cust Id	Pwr Rtg	ENGINE TSN	ENGINE CSN	PART TSN	PART CSN
22-Dec-00	ABDUAL2513		669624		685669	T684	UA	7 J	73267	18529	7823	1715
23-May-00	ABDUAL2513		669624		689609	T628	UA	7 J	66535	13733	7756	1700
12-Mar-99	ABDUAL2513		669624		689504	T507	UA	7 J	67031	16023	4990	1014
03-Aug-98	ABDUAL2513		669624		689528	T440	UA	7 J	56781	13144	4417	889
24-Apr-98	ABDUAL2513		669624		689528	T044	UA	7 J	56106	13005	3742	750
07-Jul-97	ABDUAL2513		669624		689528	T607	UA	7 J	53998	12550	1634	295

UNITED AIRLINES
OFFICIAL ENGINE RECORD

SFOMR DATE: 01-07-2001

VERIFIED BY: Della Hunt

PSEN445A-1
01/12/99

UNITED AIRLINES ENGINE MAINTENANCE SYSTEM
LIFE LIMIT AUDIT FOR SERIAL
REASON: RELEASE DESTINATION:

PAGE: 1
TIME: 21:52

UNIT SERIAL NBR	ENG MOD TYP	NAME	POWER RATING	CUST CODE	UNIT TSN	UNIT CSN	HARD LIMIT NLA LOWEST REMAINING	LIMIT TYPE	UNIT ACCUMULATION VALUE	LIMIT REMAINING VALUE	STATED LIMIT IN ENG VALUE
689504	T	JT9D	70	UA	68458	18898	T 05947 C 00856				

UNIT TT	UNIT TC	FIELD IND	ORDER NUMBER	DATE MAINT	DATE MAINT COMPLETED
66458	15898		1452	09/25/98	01/12/99
65213	15633	1	1387	03/11/98	05/08/98
61131	14887	3	1427	10/13/96	10/25/96
60434	14763		1311	04/25/96	08/01/96
60208	14731	2	1005	03/15/96	04/16/96
60208	14731	2	1067	03/15/96	04/03/96
55514	14121		1369	02/10/95	02/21/95
55514	14121		1656	11/07/94	01/13/95
52376	13630		1451	12/27/93	08/22/94
52376	13630		1922	11/08/93	12/21/93
52376	13630		1547	08/16/93	11/08/93
46802	12908	2	0540	02/20/92	03/16/92
46802	12908	3	0540	02/20/92	03/06/92
45898	12768	3	0340	08/29/91	09/07/91
45898	12768	3	1321	08/06/91	08/16/91
45890	12751	5		00/00/00	08/01/91

MODULE LIFE LIMIT SUMMARY

NAME MT	SERIAL NBR	DATE ONLOG	MODULE ACCUMULATIONS	HARD LIMIT NLA LOWEST REMAINING	LIMIT TYPE	LIMIT VALUE	LIMIT REMAINING VALUE	STATED LIMIT IN ENG VALUE
ACCESSDRY PACKA	Q 689504		UNK TSN 01135 CSMI	UNK CSN		06024 TSMI	A TSMI 07000	00976 T 067434
FAN ROTOR MODUL	G 1B3164	11/23/98	61046 TSN 00000 CSMI	14592 CSN		00000 TSMI	C 01203	
LOW PRES COMP M	F 62608	11/13/98	74867 TSN 00000 CSMI	16787 CSN		00000 TSMI	C 00856	

PSEN445A-1
01/12/99

UNITED AIRLINES ENGINE MAINTENANCE SYSTEM
LIFE LIMIT AUDIT FOR SERIAL
REASON: RELEASE DESTINATION:

UNIT ENG MOD POWER CUST UNIT UNIT
SERIAL NBR TYP NAME RATING CODE TSN CSN

689504 T JT9D 7J UA 66458 15898

FUNCTION LIFE LIMIT SUMMARY BY NHA

NHA NAME MT SERIAL NBR
LOW PRES COMP M F 62609

FUNC NAME	POS	SERIAL NBR PART NUMBER	DATE ONLOG	FUNCTION ACCUMULATIONS	LIMIT TYPE	LIMIT VALUE	REMAIN-ING VALUE	STATED LIMIT IN ENG VALUE
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00830	001	UA00122375	03/26/96	23521 TSN	03797 CSN	04417 TSDPI		
BLADE	C-3	9DC3SET2		00889 CSDPI				

00831	001	UA00243612	03/26/96	UNK TSN	UNK CSN	04417 TSDPI		
BLADE	C-4	9DC4SET1		00889 CSDPI				

00822	001	OZ0856	11/03/98	56704 TSN	14144 CSN	00000 TSDPI	15000	00856 C 016754
DISK	C-2	706422		00000 CSDPI	00000 TSNDT	00000 CSNDT	21000	21000 T 087458
OPERATED POWER RATINGS 7J 3A 7A 7AH 7F								

00823	001	8Y2744	03/26/96	55832 TSN	13111 CSN	04417 TSDPI	15000	01889 C 017787
HUB	LPC REAR	645833		00889 CSDPI	22841 TSNDT	03887 CSNDT	27000	04459 T 070917
OPERATED POWER RATINGS 7J 7A								

00824	001	ABDUAL2513	03/26/96	04417 TSN	00889 CSN	04417 TSDPI	15000	14111 C 030009
DISK	C-4	669624		00889 CSDPI	04417 TSNDT	00889 CSNDT	27000	22583 T 089041
OPERATED POWER RATINGS 7J								

UNITED AIRLINES
BACK-TO-BIRTH HISTORY

This is a true and accurate history based on records on file.

REMOVAL DATE	Ser Nbr	Prior Ser Nbr	Part Nbr	Orig Ha Mod Type	Orig Ha Ser Nbr	Eng Ord Nbr	Cust Id	Pwr Rtg	ENGINE TSN	ENGINE CSN	PART TSN	PART CSN
22-Dec-00	ABDUAL2513		669624		689528	T684	UA	7J	73267	18529	7823	1715
23-May-00	ABDUAL2513		669624		689609	T628	UA	7J	66535	13733	7756	1700
12-Mar-99	ABDUAL2513		669624		689504	T507	UA	7J	67031	16023	4990	1014
03-Aug-98	ABDUAL2513		669624		689528	T440	UA	7J	56781	13144	4417	889
24-Apr-98	ABDUAL2513		669624		689528	T044	UA	7J	56106	13005	3742	750
07-Jul-97	ABDUAL2513		669624		689528	T607	UA	7J	53998	12550	1634	295

UNITED AIRLINES
OFFICIAL ENGINE RECORD

SFOMR DATE: 01-07-2001

VERIFIED BY: *Debra Hunt*

Renee Caria, Senior Records Specialist, SFOMR
Sunday, January 07, 2001 11:40:18 AM



PSEN445A-1
06/13/96
UNITED AIRLINES ENGINE MAINTENANCE SYSTEM
REASON: RELEASE
LIFE LIMIT AUDIT FOR SERIAL DESTINATION:
PAGE: 1
TIME: 21:51

UNIT SERIAL NBR	ENG MOD TYP NAME	POWER RATING	CUST CODE	UNIT TSN	UNIT CSN	HARD LIMIT NLA LOWEST	LIMIT TYPE	UNIT ACCUMULATION VALUE	LIMIT REMAINING VALUE	STATED LIMIT IN
689528	T JT9D	7J	UA	53364	12355	REMAINING	T	14324		ENG VALUE

UNIT TT	FIELD TC	IND	ORDER NUMBER	DATE MAINT	DATE MAINT COMPLETED
52364	12255		1969	05/09/96	06/13/96
52364	12255		1602	01/20/96	05/09/96
46003	11373		1926	05/13/94	06/07/94
46003	11373		1517	02/11/94	05/13/94
45621	11307	2	1050	12/28/93	12/29/93
45209	11252	2	1042	11/14/93	11/18/93
41257	10678	2	1054	09/26/92	10/01/92
36848	10084	5		00/00/00	07/30/91

MODULE LIFE LIMIT SUMMARY

NAME	DATE ONLOG	MODULE	ACCUMULATIONS	HARD LIMIT NLA LOWEST	LIMIT TYPE	LIMIT VALUE	REMAINING VALUE	STATED LIMIT IN
ACCESSORY PACKA		UNK	TSN	UNK	CSN	00000	TSMI	07000
0 689528		UNK	CSMI	UNK	CSN	00000	TSMI	07000
FAN ROTOR MODUL	04/15/94	UNK	TSN	UNK	CSN	06361	TSMI	07000
G 89577		UNK	CSMI	UNK	CSN	00882	TSMI	07000
LOW PRES COMP M	06/05/96	UNK	TSN	UNK	CSN	15898	TSMI	01636
F 62609		UNK	CSMI	UNK	CSN	00000	TSMI	01636
FAN CASE MODULE		UNK	TSN	UNK	CSN	UNK	TSMI	
L 89528		UNK	CSMI	UNK	CSN	UNK	TSMI	
INTER CASE MODU	03/08/94	UNK	TSN	UNK	CSN	06361	TSMI	
P 86054		UNK	CSMI	UNK	CSN	00882	TSMI	
TURB COMPLING M	03/29/94	UNK	TSN	UNK	CSN	06361	TSMI	
T 95764		UNK	CSMI	UNK	CSN	00882	TSMI	



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06/13/96
UNITED AIRLINES ENGINE MAINTENANCE SYSTEM
LIFE LIMIT AUDIT FOR SERIAL-
REASON: RELEASE DESTINATION:
PAGE: 12
TIME: 21:51

UNIT ENG MOD POWER CUST UNIT UNIT
SERIAL NBR TYP NAME RATING CODE TSN CSN
689528 T JT9D 7J UA 52364 12255

FUNCTION LIFE LIMIT SUMMARY BY NHA

NHA NAME MT SERIAL NBR
LOW PRES COMP M F 62609

FUNC POS	SERIAL NBR PART NUMBER	DATE ONLOG	FUNCTION ACCUMULATIONS	LIMIT TYPE	REMAIN-ING VALUE	STATED LIMIT IN ENG VALUE
00830 001 BLADE C-3	UA00122375 9DC3SET2	03/26/96	19104 TSN 00000 CSDPI	02908 CSN	00000 TSDPI	
00831 001 BLADE C-4	UA00243612 9DC4SET1	03/26/96	UNK TSN 00000 CSDPI	UNK CSN	00000 TSDPI	
00822 001 DISK C-2	2Y9359 706422	03/26/96	65088 TSN 00000 CSDPI	13364 CSN 00000 TSNDT	00000 TSDPI 00000 CSNDT	H CSN 15000 01636 C 01389 B TSNDT 21000 21000 T 07336
00823 001 HUB LPC REAR OPERATED POWER RATINGS 7J	8Y2744 645833 7A	03/26/96	51415 TSN 00000 CSDPI	12222 CSN 18124 TSNDT	00000 TSDPI 02978 CSNDT	H CSN 15000 02778 C 01503 B TSNDT 27000 08878 T 06124
00824 001 DISK C-4 OPERATED POWER RATINGS 7J	ABDUAL2513 669624 7J	03/26/96	00000 TSN 00000 CSDPI	00000 CSN 00000 TSNDT	00000 TSDPI 00000 CSNDT	H CSN 15000 15000 C 02725 B TSNDT 27000 27000 T 07936

MAJOR ROTATING PARTS (MRP)

SERIAL NUMBER INQUIRY

SERIAL NUMBER ABDUAL2513

HEAT CODE LAHUN SUFFIX 4032

FORGING NUMBER
1F644404

PART NUMBER
669704

STATUS	4 COML SPARE	LOCATION	W6839	STAT DTE	03/22/96	CUSTOMER	UAS
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HEAT/SUFFIX INQUIRY PF3
/////

INSPECT UPDATES PF8

INQUIRY SUCCESSFUL / TABLE MENU PF9 / MASTER MENU PF10