

SH&E International Air Transport Consultancy

SALE OF TEN (10) **AIRBUS A319-114 AIRCRAFT**



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The information contained in this document is subject to verification with the aircraft and engines records. No representation or warranty is made by SH&E as to the accuracy or completeness of the material set forth herein. The aircraft is offered for sale strictly "as is, where is".

SUMMARY

SH&E is offering for sale or lease, ten (10) Airbus A319-114 aircraft (MSN's as listed in Table 1 below). The aircraft are currently in storage at Evergreen Air Center in Marana, AZ under an FAA approved storage program. The aircraft were delivered new to Northwest Airlines in 1999 where they each were operated until return to the Indenture Trustee on December 21, 2005 under a US Bankruptcy Code 1110(b) agreement. The aircraft were deployed extensively in Northwest Airlines' domestic system. They have an average hour / cycle ratio of 2.0:1. The aircraft were maintained under Northwest Airlines' maintenance program and flown with an average daily utilization of 7.9 hours and 2.0 cycles up until their return.

The aircraft are each owned by individual Trust Indenture and Security Agreements. The Trusts are managed by U.S. Bank National Association, not in its individual capacity, but solely as Indenture Trustee. U.S Bank National Association now wishes to sell the aircraft and has retained SH&E to act as its exclusive re-marketing agent to find a buyer or lessee.

TABLE I

US Registration Number	MSN
N303NB	1071
N304NB	1078
N305NB	1090
N306NB	1091
N307NB	1126
N308NB	1129
N309NB	1131
N310NB	1149
N311NB	1164
N312NB	1167

A319-114 PERFORMANCE



PERFORMANCE

Cruising Altitude	37,000 ft
Typical Range	804 nm
Approx Max Range	2,176 nm
Cruising Speed	0.79 M
Approx Take-Off Distance	6,400 ft
Approx Min Landing Distance	4,700 ft

N303NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1071	APU Type:	131-9 (A)
Line No.:	1071	Year of Manufacture:	1999
Current Registry:	N303NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	17,876	Cycles Since New:	9,032
Time Remaining to "C" Check:	4,669	Type of Heavy Check:	H
Days Remaining to "C" Check:	455	Date of Last Heavy Check:	2-May-05
		Days Since Last Heavy Check:	198

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total Time</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Estimated Date of Removal of First Limiter</u>	<u>Limiter</u>
1	733198	15,312	7,630	13	N/A	Disk, HPT Rotor
2	733183	17,876	9,032	N/A	3-Dec-05	Seal, Air HPT
APU	R-2157	15,019	7,353	N/A	N/A	ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3103	17,876	9,032	2,269	9,032
Left	A/C 3103	17,876	9,032	2,269	9,032
Right	A/C 3103	17,876	9,032	2,269	9,032

N304NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1078	APU Type:	131-9 (A)
Line No.:	1078	Year of Manufacture:	1999
Current Registry:	N304NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	17,510	Cycles Since New:	8,746
Time Remaining to "C" Check:	4,684	Type of Heavy Check:	H
Days Remaining to "C" Check:	469	Date of Last Heavy Check:	16-May-05
		Days Since Last Heavy Check:	184

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total</u>			<u>Estimated Date of</u>		<u>Limiters</u>
		<u>Time</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Removal of First Limiter</u>		
1	733184	17,510	8,746	N/A	12-Feb-06		Seal, Air HPT
2	733185	17,542	8,812	N/A	27-Jan-06		Seal, Air HPT
APU	F2072	16,556	8,282	N/A	N/A		ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3104	17,510	8,746	2,254	8,746
Left	A/C 3104	17,510	8,746	2,254	8,746
Right	A/C 3104	17,510	8,746	2,254	8,746

N305NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1090	APU Type:	131-9 (A)
Line No.:	1090	Year of Manufacture:	1999
Current Registry:	N305NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	17,591	Cycles Since New:	8,805
Time Remaining to "C" Check:	4,846	Type of Heavy Check:	H
Days Remaining to "C" Check:	485	Date of Last Heavy Check:	1-Jun-05
		Days Since Last Heavy Check:	168

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Time</u>	<u>Total</u>		<u>Estimated Date of</u>	<u>Limiters</u>
			<u>Cycles</u>	<u>CSLSV</u>	<u>Removal of First Limiter</u>	
1	733192	16,671	8,330	N/A	20-May-06	Seal, Air HPT
2	733197	15,791	7,833	N/A	4-Oct-06	Seal, Air HPT
APU	F2058	16,432	8,102	N/A	N/A	ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3105	17,591	8,805	2,240	8,805
Left	A/C 3105	17,591	8,805	2,240	8,805
Right	A/C 3105	17,591	8,805	2,240	8,805

N306NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1091	APU Type:	131-9 (A)
Line No.:	1091	Year of Manufacture:	1999
Current Registry:	N306NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	17,473	Cycles Since New:	8,738
Time Remaining to "C" Check:	4,935	Type of Heavy Check:	H
Days Remaining to "C" Check:	500	Date of Last Heavy Check:	16-Jun-05
		Days Since Last Heavy Check:	153

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Estimated Date of Removal of First Limiter</u>	<u>Limiter</u>
1	733187 *	17,197	8,596	N/A	N/A	Seal, Air HPT
2	733190	17,232	8,619	N/A	10-Mar-06	Seal, Air HPT
APU	R-2330	11,020	5,392	N/A	N/A	ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3106	17,473	8,738	2,239	8,738
Left	A/C 3106	17,473	8,738	2,239	8,738
Right	A/C 3106	17,473	8,738	2,239	8,738

* ESN 733187 listed as unserviceable due to "slow performance". Removed from service Sept. 2005

N307NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1126	APU Type:	131-9(A)
Line No.:	1126	Year of Manufacture:	1999
Current Registry:	N307NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	16,816	Cycles Since New:	8,394
Time Remaining to "C" Check:	5,146	Type of Heavy Check:	H
Days Remaining to "C" Check:	540	Date of Last Heavy Check:	19-Jul-05
		Days Since Last Heavy Check:	113

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Estimated Date of Removal of First Limiter</u>	<u>Limiter</u>
1	733204	7,114	3,345	N/A	30-Oct-09	Seal, Air HPT
2	733189	17,146	8,569	N/A	28-Mar-06	Seal, Air HPT
APU	R-2310	10,085	4,908	N/A	N/A	ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3107	16,816	8,394	2,174	8,394
Left	A/C 3107	16,816	8,394	2,174	8,394
Right	A/C 3107	16,816	8,394	2,174	8,394

N308NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1129	APU Type:	131-9(A)
Line No.:	1129	Year of Manufacture:	1999
Current Registry:	N308NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	16,073	Cycles Since New:	8,058
Time Remaining to "C" Check:	5,333	Type of Heavy Check:	H
Days Remaining to "C" Check:	544	Date of Last Heavy Check:	5-Aug-05
		Days Since Last Heavy Check:	109

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total</u>			<u>Estimated Date of</u>		<u>Limiters</u>
		<u>Time</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Removal of First Limiter</u>		
1	733201	15,521	7,696	N/A	8-Nov-06		Seal, Air HPT
2	733182	17,342	8,783	N/A	3-Feb-06		Seal, Air HPT
APU	R-2123	14,598	7,319	N/A	N/A		ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3108	16,073	8,058	2,190	8,058
Left	A/C 3108	16,073	8,058	2,190	8,058
Right	A/C 3108	16,073	8,058	2,190	8,058

N309NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1131	APU Type:	131-9(A)
Line No.:	1131	Year of Manufacture:	1999
Current Registry:	N309NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	17,107	Cycles Since New:	8,527
Time Remaining to "C" Check:	5,002	Type of Heavy Check:	H
Days Remaining to "C" Check:	510	Date of Last Heavy Check:	2-Jul-05
		Days Since Last Heavy Check:	143

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Estimated Date of Removal of First Limiter</u>	<u>Limiter</u>
1	733195	17,107	8,527	NA	14-Apr-06	Seal, Air HPT
2	733196	17,006	8,454	NA	2-May-06	Seal, Air HPT
APU	R-2561	7,257	3,583	NA	NA	ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3109	17,107	8,527	2,187	8,527
Left	A/C 3109	17,107	8,527	2,187	8,527
Right	A/C 3109	17,107	8,527	2,187	8,527

N310NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1149	APU Type:	131-9(A)
Line No.:	1149	Year of Manufacture:	1999
Current Registry:	N310NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	16,817	Cycles Since New:	8,344
Time Remaining to "C" Check:	1,980	Type of Heavy Check:	H
Days Remaining to "C" Check:	81	Date of Last Heavy Check:	N/A
		Days Since Last Heavy Check:	2,156

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Estimated Date of Removal of First Limiter</u>	<u>Limiter</u>
1	733194	14,578	7,313	N/A	11-Feb-07	Seal, Air HPT
2	733188 *	17,544	8,749	N/A	N/A	Seal, Air HPT
APU	R-2315	11,526	5,296	N/A	N/A	ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3110	16,817	8,344	2,156	8,344
Left	A/C 3110	16,817	8,344	2,156	8,344
Right	A/C 3110	16,817	8,344	2,156	8,344

* ESN 733188 listed as unserviceable due to vibration and overheat. Removed from service Sept 2005

N311NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1164	APU Type:	131-9(A)
Line No.:	1164	Year of Manufacture:	2000
Current Registry:	N311NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	16,549	Cycles Since New:	8,244
Time Remaining to "C" Check:	1,881	Type of Heavy Check:	H
Days Remaining to "C" Check:	93	Date of Last Heavy Check:	N/A
		Days Since Last Heavy Check:	2,129

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Estimated Date of Removal of First Limiter</u>	<u>Limiter</u>
1	733200	16,549	8,244	N/A	24-Jun-06	Seal, Air HPT
2	733203	16,630	8,330	N/A	2-Jun-06	Seal, Air HPT
APU	R-2032	14,466	7,469	N/A	N/A	ON CONDITION

TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3111	16,549	8,244	2,129	8,244
Left	A/C 3111	16,549	8,244	2,129	8,244
Right	A/C 3111	16,549	8,244	2,129	8,244

N312NB SPECIFICATIONS

GENERAL INFORMATION

Model:	A319-100	Engine Model: (see note in Engine data)	CFM56-5A5/F
Serial No.:	1167	APU Type:	131-9(A)
Line No.:	1167	Year of Manufacture:	2000
Current Registry:	N312NB	Cockpit Avionics:	EFIS
Previous Operator:	Northwest		

OPERATIONAL WEIGHTS

Operating Empty Weight:	90,500 lb	Max Zero Fuel Weight:	125,600 lb
Max Taxi Weight:	155,200 lb	Max Landing Weight:	134,400 lb
Max Takeoff Weight:	154,300 lb	Fuel Capacity:	42,200 lb

TIME/CYCLE DATA - AIRCRAFT

Hours Since New:	16,688	Cycles Since New:	8,228
Time Remaining to "C" Check:	2,421	Type of Heavy Check:	H
Days Remaining to "C" Check:	177	Date of Last Heavy Check:	N/A
		Days Since Last Heavy Check:	2,112

TIME/CYCLE DATA - ENGINES

<u>Position</u>	<u>Serial Number</u>	<u>Total</u>	<u>Cycles</u>	<u>CSLSV</u>	<u>Estimated Date of Removal of First Limiter</u>	<u>Limiter</u>
1	733202	16,688	8,288	N/A	28-Jun-06	Seal, Air HPT
2	733206	16,688	8,228	N/A	28-Jun-06	Seal, Air HPT
APU	R-2504	8,479	4,178	N/A	N/A	ON CONDITION

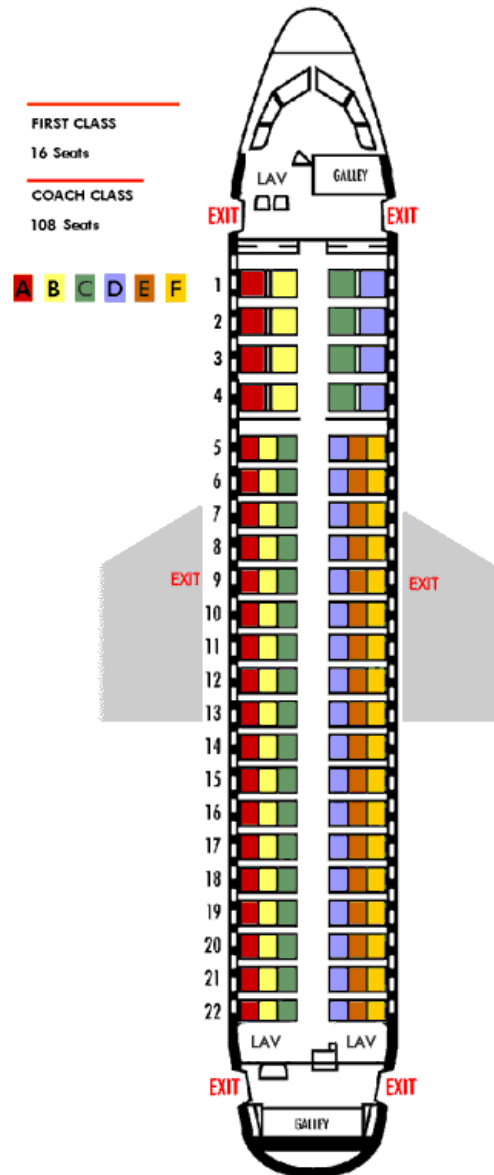
TIME/CYCLE DATA - LANDING GEAR

<u>Position</u>	<u>Serial Number</u>	<u>TT</u>	<u>TC</u>	<u>DSO</u>	<u>CSO</u>
Nose	A/C 3112	16,688	8,228	2,112	8,228
Left	A/C 3112	16,688	8,228	2,112	8,228
Right	A/C 3112	16,688	8,228	2,112	8,228

INTERIOR CONFIGURATION

INTERIOR CONFIGURATION

Seating Capacity:	16/108
Galley Units:	2
Lavatories:	3
Cargo Bay Volume (Total):	975 cu ft



AVIONICS



LRU	Manufacturer	Part No.
Elevator Computer	THALES	3945128102
EIU	SEXTANT	3957985114
Display Mgt Unit	THALES	9615325050
Flight Control Concentrator	LITEF	115370-0106
EVMU	VIBRO-METER	241-191-000-031
Flight Warning Comp	Aerospatiale	35-0E0-1727
Flight Warning Comp	Aerospatiale	35-0E0-530
System Data Acq Unit	Aerospatiale	35-0E5-5002
SFCC 1	MARCONI	49-117-10
SFCC 2	MARCONI	49-170-07
Intrg DME	Collins	622-0329-020
XPDR-ATC	Collins	622-7878-201
TCAS Computer	Honeywell	7517900-10003
XCVR VOR/MKR	Collins	822-0297-020
XCVR ADF 1	Collins	822-0299-020
INTRG DME	Collins	822-0329-020
XCVR VHF	Collins	822-1047-030
AEVC	SEXTANT	87292325V04
EGPWS	Honeywell	965-0976-003
CVR	Honeywell	980-7020-001
Audio Mgt Unit	Team	AMU2790CB06HWO
SEC	SFENA	B372BAM05
Flight Augmentation Comp	SFENA	B397BAM05
Centralized Fault Display	SFENA	B401ACM05
FMGC	THALES	C13043AA03
Flight Data Interface Unit	SFIM	ED43A1D5
Data Mgt Unit	SFIM	ED45A300
ATSU	Aerospatiale Matro	LA2T0G20503B040
FDR	Fairchild	S800-3000-00
DIR-Cabin Intercom	KID	Z010H0005

MAINTENANCE PROGRAM SUMMARY



MAINTENANCE INTERVALS

A' Check:	600 Hrs
B' Check:	N/A
C' Check:	6000 Hrs / 653 Days
Heavy Check:	2100 Days
Landing Gear:	20000 Cyc / 3652 Days