

APPENDIX 4
SUMMARY OF FORTH WORDS

word	page	word	page
<u>ARITHMETIC</u>		<u>CHARACTER INPUT</u>	
<u>Single-length</u>		KEY	284
+	53	EXPECT	284
-	53	WORD	284
*	53	TEXT	284
/	53	COUNT	285
/MOD	53	<u>CHARACTER OUTPUT</u>	
MOD	53	CR	27
*/	123	SPACE	27
*/MOD	123	SPACES	27
U*	177	EMIT	27
U/MOD	177	."	27
1+	123	PAGE	143
1-	123	TYPE	283
2+	123	>TYPE	285
2-	123	-TRAILING	283
2*	123	<u>COMPARISONS</u>	
2/	123	<u>Single-length</u>	
ABS	123	=	103
NEGATE	123	-	103
<u>Double-length</u>		<	103
D+	178	U<	177
D-	178	>	103
DNEGATE	178	0=	103
DABS	178	0<	103
<u>Mixed-length</u>		0>	103
M+	179	MIN	123
M/	179	MAX	123
M*	179	<u>Double-length</u>	
M*/	179	D=	179
<u>ASCII CHARACTER</u>		D0=	179
<u>AND EQUIVALENT</u>		D<	179
See table on p. 157		DU<	179

word	page
------	------

DMIN	179
DMAX	178

String

-TEXT	285
-------	-----

COMPILATION

,	209
C,	210
[']	247
DOES>	313
IMMEDIATE	313
COMPILE	313
[COMPILE]	313
LITERAL	313
[313
]	313

CONSTANTS

0.	210
1	210
0.	210

DEFINING WORDS

:	27
;	27
CONSTANT	209
VARIABLE	209
CREATE	209
2VARIABLE	210
2CONSTANT	210

DICTIONARY MANAGEMENT

FORGET	84
EMPTY	84
ALLOT	209
HERE	246

word	page
------	------

EDITOR COMMANDS

All appear on pp. 84,5

INTERPRETATION

(84
.	246
INTERPRET	246

LOGIC

NOT	103
AND	103
OR	103

MEMORY

!	209
@	209
+!	209
C!	209
C@	209
2!	210
2@	210
MOVE	284
CMOVE	284
<CMOVE	285
FILL	209
ERASE	210
BLANK	285
DUMP	210

NUMBER INPUT CONVERSION

>BINARY or	
CONVERT	284
NUMBER	285

NUM... OUTPUT

.	27
U.R	143
U.	177
D.	179
D.R	179

word	page
------	------

NUMBER FORMATTING

<#	177
#	177
#S	178
HOLD	178
SIGN	178
#>	178

OPERATING SYSTEMCommands

ABORT"	103
?STACK	103
EXECUTE	246
QUIT	246
EXIT	246
HEX	177
OCTAL	177
DECIMAL	177
HERE	246
PAD	246
'S	247
FORTH	246
EDITOR	246
ASSEMBLER	246
DEFINITIONS	246

User Variables

SO	247
SCR	247
R#	247
BASE	247
H	247
CONTEXT	247
CURRENT	247
>IN	247
BLK	247
OFFSET	247

RETURN STACK

>R	123
R>	123
I	123
I'	123
J	123

word	page
------	------

STACK MANIPULATIONSingle-length

SWAP	53
DUP	53
OVER	53
ROT	53
DROP	53
?DUP	103

Double-length

2SWAP	53
2DUP	53
2OVER	53
2DROP	53

STRUCTURE CONTROL

IF	103
ELSE	103
THEN	103
DO	143
LOOP	143
+LOOP	143
/LOOP	177
LEAVE	143
BEGIN	143
UNTIL	143
WHILE	143
REPEAT	143

VIRTUAL MEMORY

LIST	84
LOAD	84
FLUSH	84
COPY	84
WIPE	84
UPDATE	283
EMPTY-BUFFERS	283
BLOCK	283
BUFFER	283
EXIT	246