

# CARBURETION 1994

## 440 XCR

EC45PL-01

Carburetor Type - VM38SS

Main Jet - 290

Pilot Jet - 40

Cut Away - 2.0

Air Screw - 1 turn

Jet Needle - 6DH3-3

Needle Jet - P-8 (247)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	310	290	270	260
	900-1800 (3000-6000)	280	270	250	240
	1800-2700 (6000-9000)	260	240	230	210
	2700-3700 (9000-12000)	230	220	210	195

- Shaded zone should drop Jet Needle one position (raise E-clip)

## 440 XCR SP

EC45PL03

Carburetor Type - VM34SS

Main Jet - 330

Pilot Jet - 40

Cut Away - 2.0

Air Screw - 1.0 Turn

Jet Needle - 6DH3-3

Needle Jet - Q-2 (247)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	270	260	250	230
	900-1800 (3000-6000)	260	240	230	220
	1800-2700 (6000-9000)	230	220	210	195
	2700-3700 (9000-12000)	210	195	185	175

- Shaded zone should drop Jet Needle one position (raise E-clip)

## XLT/SP/SKS

EC58PL-01

Carburetor Type - VM34SS

Main Jet - 200

Pilot Jet - 35

Cut Away - 2.0

Air Screw - 1 turn

Jet Needle - 6DP17-3

Needle Jet - Q-2 (166)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	210	200	190	175
	900-1800 (3000-6000)	195	185	175	165
	1800-2700 (6000-9000)	180	170	160	150
	2700-3700 (9000-12000)	160	155	145	135

- Shaded zone should drop Jet Needle one position (raise E-clip)

## Indy Storm/SKS

EC80PL-01

Carburetor Type - VM38

Main Jet - 380-390-410

Pilot Jet - 30

Cut Away - 2.5

Air Screw - 1.5 turn

Jet Needle - 6CGY3-2

Needle Jet - Q-8 (247)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	400 410 430	380 390 410	360 370 390	340 350 370
	900-1800 (3000-6000)	370 380 400	350 360 380	330 340 360	310 320 340
	1800-2700 (6000-9000)	330 340 360	310 320 340	290 300 320	270 280 300
	2700-3700 (9000-12000)	300 310 330	280 290 310	260 270 290	240 250 270

- Shaded zone should drop Jet Needle one position (raise E-clip)

# CARBURETION 1995

## StarLite

EC25PS07

Carburetor Type - VM30SS

Main Jet - 140

Pilot Jet - 60


Cut Away - 3.0

Air Screw - 1.0 Turn

Jet Needle - 5DT2-3

Needle Jet - O-8 (169)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	150	140	135	130
	900-1800 (3000-6000)	140	130	125	120
	1800-2700 (6000-9000)	130	120	115	110
	2700-3700 (9000-12000)	115	110	105	110

 - Shaded zone should drop Jet Needle one position (raise E-clip)

## Indy Lite

EC34-2PM02

Carburetor Type - VM30SS

Main Jet - 145

Pilot Jet - 35

Cut Away - 2.5 AL

Air Screw - 1.5 Turn

Jet Needle - 5DP7-2

Needle Jet - O-6 (169)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	155	145	135	130
	900-1800 (3000-6000)	140	130	120	115
	1800-2700 (6000-9000)	125	115	110	100
	2700-3700 (9000-12000)	110	100	95	85

 - Shaded zone should drop Jet Needle one position (raise E-clip)

## Lite GT

EC34-2PM02

Carburetor Type - VM30SS

Main Jet - 145

Pilot Jet - 35

Cut Away - 2.5 AL

Air Screw - 1.5 Turn

Jet Needle - 5DP7-2

Needle Jet - O-6 (169)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	155	145	135	130
	900-1800 (3000-6000)	140	130	120	115
	1800-2700 (6000-9000)	125	115	110	100
	2700-3700 (9000-12000)	110	100	95	85

 - Shaded zone should drop Jet Needle one position (raise E-clip)

## Lite Deluxe

EC34-2PME02

Carburetor Type - VM30SS

Main Jet - 145

Pilot Jet - 35

Cut Away - 2.5 AL

Air Screw - 1.5 Turn

Jet Needle - 5DP7-2

Needle Jet - O-6 (169)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	155	145	135	130
	900-1800 (3000-6000)	140	130	120	115
	1800-2700 (6000-9000)	125	115	110	100
	2700-3700 (9000-12000)	110	100	95	85

 - Shaded zone should drop Jet Needle one position (raise E-clip)

## Sport

EC44-3PM01

Carburetor Type - VM34SS

Main Jet - 180

Pilot Jet - 35

Cut Away - 2.5 CH

Air Screw - 1.25 Turn

Jet Needle - 6DH7-3

Needle Jet - P-4 (166)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	190	180	170	160
	900-1800 (3000-6000)	180	165	155	145
	1800-2700 (6000-9000)	160	150	140	130
	2700-3700 (9000-12000)	145	140	130	120

 - Shaded zone should drop Jet Needle one position (raise E-clip)

# CARBURETION 1995

## Sport Touring

EC44-3PM01

Carburetor Type - VM34SS

Main Jet - 180

Pilot Jet - 35


Cut Away - 2.5

Air Screw - 1.25 Turn

Jet Needle - 6DH7-3

Needle Jet - P-4 (166)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	190	180	170	160
	900-1800 (3000-6000)	180	165	155	145
	1800-2700 (6000-9000)	160	150	140	130
	2700-3700 (9000-12000)	145	140	130	120

 - Shaded zone should drop Jet Needle one position (raise E-clip)

## Super Sport

EC44-3PM02

Carburetor Type - VM34SS

Main Jet - 180

Pilot Jet - 35

Cut Away - 2.0

Air Screw - 1.25 Turn

Jet Needle - 6FJ6-3

Needle Jet - P-8 (166)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	190	180	170	160
	900-1800 (3000-6000)	180	165	155	145
	1800-2700 (6000-9000)	160	150	140	130
	2700-3700 (9000-12000)	145	140	130	120

 - Shaded zone should drop Jet Needle one position (raise E-clip)

## Trail

EC50PM04

Carburetor Type - VM34SS

Main Jet - 240

Pilot Jet - 35


Cut Away - 3.0

Air Screw - 1.5 Turn

Jet Needle - 6DH7-3

Needle Jet - P-8 (166)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	260	240	220	210
	900-1800 (3000-6000)	230	220	200	195
	1800-2700 (6000-9000)	200	190	180	170
	2700-3700 (9000-12000)	180	170	160	155

 - Shaded zone should drop Jet Needle one position (raise E-clip)

## Trail Deluxe

EC50PME04

Carburetor Type - VM34SS

Main Jet - 240

Pilot Jet - 35


Cut Away - 3.0

Air Screw - 1.5 Turn

Jet Needle - 6DH7-3

Needle Jet - P-8 (166)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	260	240	220	210
	900-1800 (3000-6000)	230	220	200	195
	1800-2700 (6000-9000)	200	190	180	170
	2700-3700 (9000-12000)	180	170	160	155

 - Shaded zone should drop Jet Needle one position (raise E-clip)

## 440 L/C

EC45PL02

Carburetor Type - VM34SS

Main Jet - 230

Pilot Jet - 35


Cut Away - 2.5 CH

Air Screw - 3/4 Turn

Jet Needle - 6DH7-2

Needle Jet - P-4 (166)

		AMBIENT TEMPERATURE			
		Below -20°F Below -29°C	-20° to +10°F -29° to -12°C	+10° to +40°F -12° to +5°C	Above +40°F Above 5°C
Alt. Met. (Ft)	0-900 (0-3000)	250	230	210	200
	900-1800 (3000-6000)	220	210	195	185
	1800-2700 (6000-9000)	200	185	170	160
	2700-3700 (9000-12000)	175	165	150	145

 - Shaded zone should drop Jet Needle one position (raise E-clip)