AASTOPLAN SM-100 Japan
Hand-tuned radio with IN-13
Analog Bargraph tuning indicator
Joe Sousa 12/29/8
AASTOPLINE SM-100 Japan
Hand-tuned radio with IN13
Analyzer Bandgap tuning indicator
pp detector doubles AGC and audio,
basses LO has for power pentode.
Jos Souza 12-23-8

Tuning cap

13VDC

12kHz

118kHz

1N34A doubles AGC and audio with pp detection.

Emitted negative bias
from OSC increases gain
could save one resistor.

4 Line regulation bulbs
75 Ohms C (60) @ 25V
IN-13 analog bargraph
0-12mA

4 bulbs for 120VAC
Line regulation,
75 Ohms C (60) @ 25V

120VAC

35V/4
Measuring effect of LD oscillator loss on 505 bias with R1 shunted.

AASTOPLINE SM-100 Japan
Hand-tuned radio in original state.
Joe Sousa 12-35-8