



## AstraFX – Strategy/Pattern & Confluence Guide (Detailed Criteria Edition)

This edition provides exact code-level rules used by AstraFX's scanner when scanning for setups. Each strategy, pattern, and user-defined confluence is documented with the specific conditions required for a setup card to appear.

### Strategies

#### ***Ichimoku***

TFs M30,H1,H4,D1. Long if close>CloudTop & Tenkan>Kijun. Short if close<CloudBot & Tenkan<Kijun. Entry=close. Stop=min/max of Kijun & cloud bound. Score base 70.

#### ***EMA(9/21) Pullback***

TFs M15,H1,H4. Long if EMA9>EMA21 & (recent cross up or close>EMA9). Short if EMA9<EMA21 & (cross down or close<EMA9). Entry=close. Stop=lowest/highest 10 bars. Score boosted by EMA21 slope.

#### ***Bollinger Squeeze***

TFs M15,H1. BB(20,2). Bandwidth in lowest 20% of last 40 bars = squeeze. Breakout if close>upper or <lower. Entry=close. Stop=midline. Score rises with breakout vs ATR.

#### ***Donchian 20 Break***

TFs M15–D1. hi20=max20, lo20=min20. Long if close>hi20. Short if close<lo20. Stop=lowest/highest 10. Score = base70+ATR/break+EMA slope bonus.

#### ***Opening-Range Breakout (London)***

TFs M5/M15/M30. Define OR\_high/low from first 6/2/1 bars. Breakout if close>OR\_high (long) or <OR\_low (short). Stop=opposite OR bound. Score 65.

#### ***RSI2***

TFs M15,H1. Need ≥220 bars. SMA200, RSI(2). Long if close>SMA200 & RSI2<10. Short if close<SMA200 & RSI2>90. Stop=lowest/highest 10. Score base64 + slope bonus.

## Patterns

### ***Pin Bar***

Tail ratio  $\geq 2$ , body  $\leq 40\%$  of range. Long if bullish close & lower tail longer; Short if bearish close & upper tail longer. Entry=close. Stop=candle low/high.

### ***Engulfing***

Candle2 body engulfs Candle1 body,  $\text{body2} \geq 0.8 \times \text{body1}$ . Direction by colors (bullish engulf=green after red). Entry=close. Stop=prev low/high.

### ***Inside Bar***

$\text{High2} \leq \text{High1}$  and  $\text{Low2} \geq \text{Low1}$ . Direction=bar color. Entry=close. Stop=prev bar low/high.

### ***NR7***

Current range is narrowest of last 7. Direction=bar color. Entry=close. Stop=current low/high. Score  $\uparrow$  with compression.

## User-Defined Confluences (19)

Rules from det\_user\_confluence: candlestick items require OR match, context items require all AND match. Direction resolved via candlestick→liquidity sweep→EMA slope. Points≥6 needed. Entry=close, Stop=low-0.25ATR (long) / high+0.25ATR (short). R:R≥1.5 vs swing required.

- ***Trend and structure***

EMA50 slope over last 5 bars nonzero.

- ***D1/H4 bias***

EMA200 vs EMA50 separation.

- ***20/50 EMA slope/stack***

Bullish if EMA20>EMA50 & slope50>0, Bearish if EMA20<EMA50 & slope50<0.

- ***Location***

Any of: Fib overlap, Round level, or HTF S/R proximity.

- ***HTF S/R***

Price near 50-bar swing low/high with tol=max(0.5ATR14,0.1% price).

- ***Supply-Demand***

Same proximity logic as HTF S/R.

- ***FIB overlap***

Price near 38.2, 61.8, or mid of 50-bar swing.

- ***Round levels***

Within ±2 pips of xx00/xx50 (pair-aware pip size).

- ***Prior day high/low***

Within tol=max(0.5ATR14,0.1% price) of yesterday's H/L.

- ***Classic pivots***

Price near  $P=(H+L+C)/3$ , R1, or S1 with same tol.

- ***Liquidity & Imbalance***

Equal highs/lows within 0.2ATR14 or FVG present.

- ***Liquidity sweep***

High broke prev high but closed below (short) or Low broke prev low but closed above (long).

- ***Fair Value Gap***

3-bar gap: bull if  $L2 > H3$ , bear if  $H2 < L3$ .

- ***Momentum Confirmation***

StochRSI %K crossing out of 20/80 zones vs %D.

- ***Pinbar***

Pin bar rules as above.

- ***Engulfing***

Engulfing rules as above.

- ***Hammer/Shooting Star***

Pin bar variant; tail-driven direction.

- ***Morning/Evening Star***

3-bar reversal: big→inside→close beyond midpoint.

- ***Hanging man***

Bearish pin bar in uptrend (EMA50 slope  $> 0$ ).