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

This edition provides exact code-level rules extracted from the AstraFX backend. 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 ≥2, body ≤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, body2≥0.8×body1. Direction by colors (bullish engulf=green after red). Entry=close. Stop=prev low/high.

Inside Bar

High2≤High1 and Low2≥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 ↑ 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).