

**STANDARD INSTRUMENT ARRIVAL (STAR)  
RAYNA TWO ALPHA, ZULU ARRIVALS (RNAV)  
ADELAIDE, SA (YPAD)**

**1 MAR 2018**

ATIS 116.4 134.5	APP 128.6	TWR 120.5	SMC 121.7	Bearings are Magnetic Elevations in FEET AMSL
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NOT TO SCALE



**OJJAY**  
S32 28 40  
E137 18 14

**ZIPPY**  
S33 14 16  
E138 05 40

**ERITH**  
S34 11 55  
E138 26 38

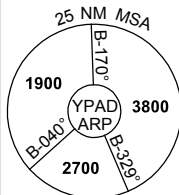
**KLAVA**  
S34 11 45  
E138 30 26

**RAYNA**  
S34 38 12  
E138 36 22

**ELIZA**  
S34 43 36  
E138 41 47

**GULLY**  
S34 47 26  
E138 45 39

**SPEED  
MAX IAS 250KT  
BELOW 10,000FT**



10 NM MSA 3800

**IAD** ...  
ILS 109.7

**AD** ...  
VOR/DME 116.4

**TRANSITIONS:**

**OJJAY:** From OJJAY to RAYNA  
Track 132° to ZIPPY  
Turn RIGHT, track 156° to ERITH  
Track 156° RAYNA  
Then follow ARRIVAL instructions

**KLAVA:** From KLAVA to RAYNA  
Track 161° to RAYNA  
Then follow ARRIVAL instructions

**ARRIVAL: RAYNA TWO**

**RWY 23 ALPHA:**

- From RAYNA track 132° to ELIZA  
IAS AT 230KT from ELIZA
- Track 132° to GULLY
- Turn RIGHT, intercept LOC RWY 23

**RWY 23 ZULU:**

- From RAYNA track 132° to ELIZA  
IAS AT 230KT from ELIZA
- Track 132° to GULLY
- Track via RNAV-Z (GNSS) RWY 23

**COMMUNICATIONS FAILURE: PROCEDURE IN IMC  
IF ABLE CTC AD APP 08-8238-7992**

- Squawk 7600, comply with vertical navigation requirements, but not below MSA.
- Track via the latest STAR clearance to the nominated runway, then fly the most suitable approach in accordance with ERSA EMERG Section 1.5.