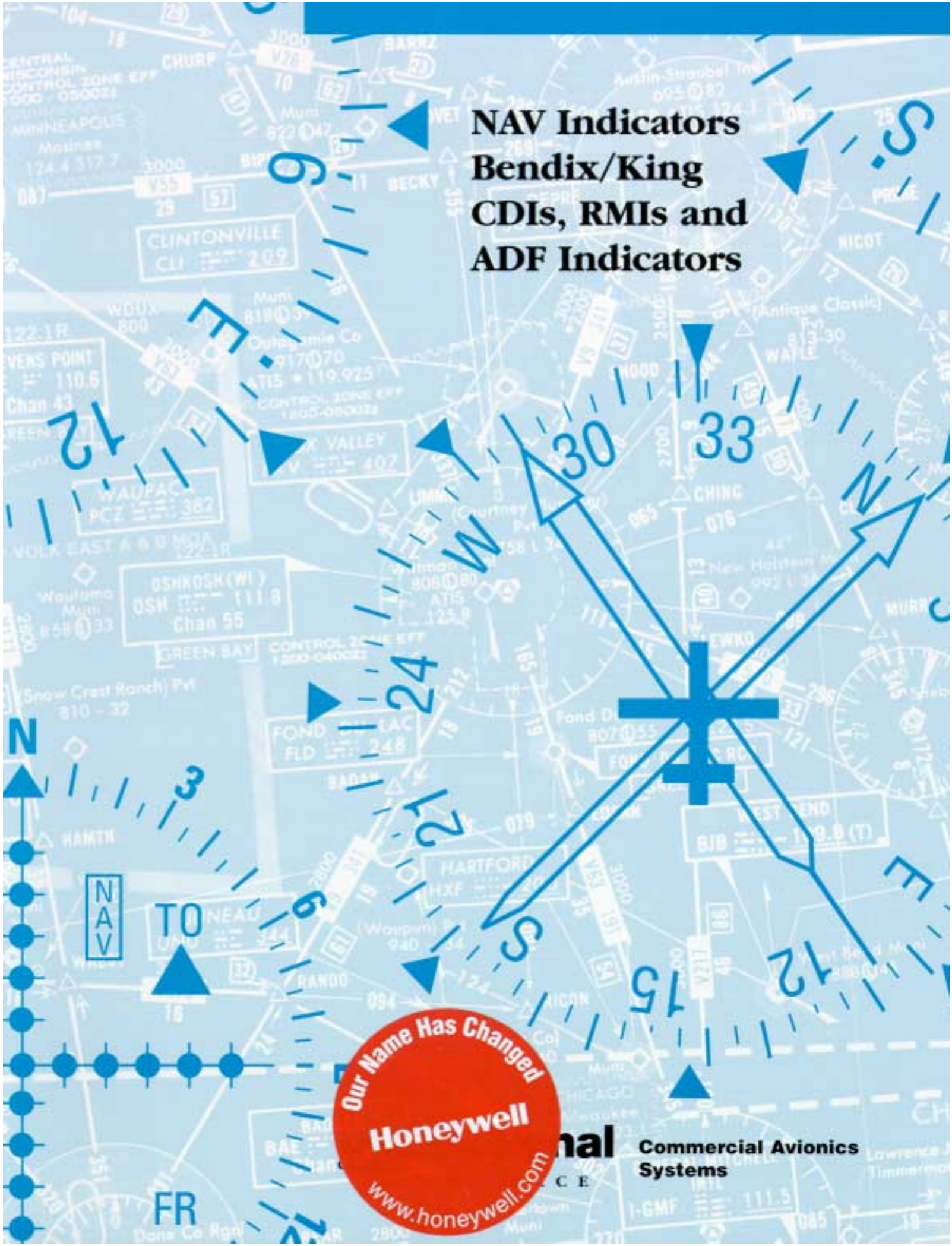
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Course Deviation Indicators

KI 208 and KI 208A

The **KI 208** VOR/LOC Indicator with built-in VOR/LOC converter features pivoted needle action and a plastic lens.

The **KI 209** VOR/LOC/Glideslope Indicator with built-in VOR/LOC converter has pivoted needle action and a plastic lens. Requires input from external glideslope receiver.

The **KI 208A** and **KI 209A** indicators are similar to the KI 208 and KI 209, respectively, but also interface with the KLN 89/89B GPS. Both feature internal relays to switch between VOR/LOC and GPS modes; an external selector switch is required.

KI 209 and KI 209A

KI 203

The **KI 203** VOR/LOC Indicator with built-in VOR/LOC converter and scallop rejection filter has rectilinear needle action and an optically coated glass lens.

The **KI 204** VOR/LOC/Glideslope Indicator with built-in VOR/LOC converter and scallop rejection filter has rectilinear needle action and an optically coated glass lens. Requires input from external glideslope receiver.

KI 204

KI 202

The **KI 202** VOR/LOC Indicator has rectilinear needle action and an optically coated glass lens. Requires input from external VOR/LOC converter.

The **KI 206** VOR/LOC/Glideslope Indicator has rectilinear needle action and an optically coated glass lens. Requires input from external VOR/LOC converter and external glideslope receiver.

KI 206

Automatic Direction Finder Indicators

KI 227

The **KI 227-00** single-needle ADF Indicator has a heading knob for manually synchronizing the heading to match the directional gyro heading. The optional KI 227-01 has a synchronized compass card which is driven by the KCS 55A Compass System.

The **KI 228-00** dual-needle ADF Indicator accepts inputs from two separate ADF receivers and has a heading knob for manually synchronizing the heading to match the directional gyro heading. An optional KI 228-01, similar in operation to the KI 227-01 above, is also available.

KI 228

Radio Magnetic Indicators

KI 229

The **KI 229** RMI displays the magnetic heading of your aircraft (slaved off the KCS 55A or KCS 305 Compass System) and magnetic bearings for both VOR and ADF.

The **KNI 582** RMI displays the magnetic heading of your aircraft (slaved off the KCS 55A or KCS 305 Compass System). Either needle can be switched to display NAV or ADF data. Available with either black or gray bezel.

KNI 582

Specifications

ADF Indicators

KI 227

Heading Input:	2-Phase Digital Stepper Motor (-01 version only)	
ADF Formats:	ADF DC Sin/Cos	
DC Power Req:	None	
Lighting:	14/28 vDC	
Dimensions:		
Height:	3.25 in.	8.26 cm
Width:	3.25 in.	8.26 cm
Length:	2.75 in.	6.99 cm
Weight:	0.70 lbs.	0.32 kg

KI 228

Heading Input:	2-Phase Digital Stepper Motor (-01 version only)	
ADF Formats:	ADF DC Sin/Cos	
DC Power Req:	None	
Lighting:	14/28 vDC	
Dimensions:		
Height:	3.25 in.	8.26 cm
Width:	3.25 in.	8.26 cm
Length:	4.68 in.	12.38 cm
Weight:	0.91 lbs.	0.41 kg

Radio Magnetic Indicators

KI 229

NAV Formats:	OBI AC Sin/Cos; VOR Composite/ILS Eng OBI Clock Sync/Data	
ADF Formats:	Dual Input ADF DC Sin/Cos	
Heading Input:	ARINC XYZ	
DC Power Req:	11-33 vDC @ 750 mA max	
AC Power Req:	26 vAC/400Hz @ 4vA max	
Lighting:	14/28 vDC or 5 vDC/AC	
Dimensions:		
Height:	3.25 in.	8.26 cm
Width:	3.25 in.	8.26 cm
Length:	8.00 in.	20.32 cm
Weight:	2.80 lbs.	1.30 kg

KNI 582

NAV Formats:	Dual Input OBI AC Sin/Cos; VOR Composite/ILS Eng; Dual OBI Clock Sync/Data	
ADF Formats:	Dual Input ADF DC Sin/Cos; Dual Input ADF XYZ	
Heading Input:	ARINC XYZ	
DC Power Req:	11-33 vDC @ 400 mA max	
AC Power Req:	26 vAC/400Hz @ 6vA max	
Lighting:*	14/28 vDC or 5 vDC/AC	
Dimensions:		
Height:	3.25 in.	8.26 cm
Width:	3.25 in.	8.26 cm
Length:	8.00 in.	20.32 cm
Weight:	3.00 lbs.	1.36 kg

Course Deviation Indicators

KI 208/KI 209
KI 208A/KI 209A

Features:		
Built-in VOR/LOC converter		
Pivoted needle movement		
Built-in VOR/LOC–GPS switching relays**		
OBS Resolver:	30 Hz	
DC Power Req:	14/28 vDC @ 60 mA max	
Lighting:	14/28 vDC	
Dimensions:		
Height:	3.25 in.	8.26 cm
Width:	3.25 in.	8.26 cm
Length:	8.00 in.	20.32 cm
Weight:		
KI 208/208A:	1.00 lbs.	0.45 kg
KI 209/209A:	1.20 lbs.	0.54 kg

KI 202/KI 206/KI 207†

Features:		
Rectilinear needle movement		
Optional course datum synchro††		
OBS Resolver:	30 Hz or 400Hz	
DC Power Req:	None	
Lighting:	14/28 vDC or 5 vDC	
Dimensions:		
Height:	3.25 in.	8.26 cm
Width:	3.25 in.	8.26 cm
Length:	8.06 in.	20.47 cm
Weight:		
KI 202/206:	1.30 lbs.	0.59 kg
KI 207:	1.00 lbs.	0.45 kg

KI 203/KI 204

Features:		
Built-in VOR/LOC converter		
Rectilinear needle movement		
Optional course datum synchro††		
OBS Resolver:	30 Hz	
DC Power Req:	11-33 vDC @ 75 mA max	
Lighting:	14/28 vDC	
Dimensions:		
Height:	3.25 in.	8.26 cm
Width:	3.25 in.	8.26 cm
Length:	9.85 in.	25.02 cm
Weight:		
KI 203:	1.60 lbs.	0.73 kg
KI 204:	1.70 lbs.	0.77 kg

* KNI 582 available in Night Vision Goggle-compatible version

** KI 208A/KI 209A only

† The KI 207 is identical to the KI 206, but has no OBS and no Course Datum Synchro

†† Course datum synchro is standard ARINC XYZ, 11.8vRMS, 0.50A @ 400Hz

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09/97 006-08706-0001 10K Printed in USA

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