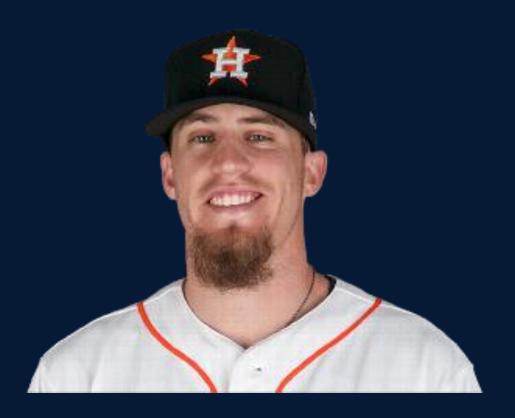
Ken Giles



Exhibits on Behalf of the Houston Astros
Club Filing: \$4.15 M
Submission by Team 12



CBA SECTION VI (E) \S (10)(A)-(B)

The criteria to be considered in this arbitration hearing may include:

- (1) Quality of Player's contribution to his Club during the past season ("Platform Year");
- (2) Length and consistency of his career contributions;
- (3) The record of the player's past compensation;
- (4) Comparative baseball salaries;
- (5) Existence of any physical or mental defects; and
- (6) Recent performance of the club including, but not limited to, its league standing and attendance as an indication of public acceptance.

The arbitration panel shall give particular attention, for comparative salary purposes, to the contracts of players with Major League service not exceeding one annual service group.

CAREER EARNINGS

Year	Age	SVC	Team	Salary
2014	23	.113	PHI	\$308,743
2015	24	1.113	PHI	\$519,000
2016	25	2.113	HOU	\$528,200
2017	26	3.113	HOU	\$550,100

SVC	Total Salary
3.113	\$1,906,043

FILING NUMBERS

Player Filing: \$4.9 M

Team Filing \$4.15 M

Midpoint: \$4.525 M



A \$4.9 M salary would be the fourth highest salary for a 1st year reliever this decade.

THEMES OF THIS HEARING

- Lacks an Elite Platform Season with a High Number of Saves
- Lack of Experience as a Full-Time
 Closer Yielding Limited Career Saves

RELEVANT COMPARABLE PLAYER MARKET

Name	Year	SVC	Final	ERA	G	SV	SO	Career	ERA	G	SV	SO
T. Rosenthal	2015	3.058	\$5,600,000	2.10	68	48	83	Career	2.66	233	96	303
A. Chapman	2013	3.034	\$5,000,000	2.54	68	38	112	Career	2.40	205	77	324
J. Axford	2012	2.170	\$5,000,000	4.67	75	35	93	Career	3.06	206	106	264
A. Reed	2014	3.027	\$4,875,000	4.25	62	32	69	Career	4.20	198	101	207
G. Holland	2013	3.028	\$4,675,000	1.21	68	47	103	Career	2.41	196	67	291
K. Giles	2017	3.113	\$4,525,000	2.30	63	34	83	Career	2.43	245	65	336
K. Jansen	2013	3.073	\$4,300,000	1.88	75	28	111	Career	2.10	216	62	347
H. Rondon	2015	3.000	\$4,200,000	1.67	72	30	69	Career	2.82	181	59	176
C. Allen	2015	3.076	\$4,150,000	2.99	70	34	99	Career	2.64	250	60	305
J. Familia	2015	3.030	\$4,100,000	1.85	76	43	86	Career	2.42	169	49	177
E. Frieri	2013	3.101	\$3,800,000	3.80	67	37	98	Career	2.76	228	60	315
S. Cishek	2013	2.143	\$3,800,000	2.33	69	34	74	Career	2.48	185	52	200

ELITE PLATFORM SEASON OR MULTIPLE SEASON CLOSER

Theme	Giles	Holland	Reed	Axford	Chapman	Rosenthal
Elite Platform Season with High Save Totals	No	Yes	-	_	_	Yes
Full-Time Closer for Multiple Seasons	No	_	Yes	Yes	Yes	Yes

Mr. Giles failed to place among the top pitchers in the league in virtually all of the most important statistical categories for a reliever.

Year	W	٦	ERA	G	SV	IP	Ξ	HR	ВВ	SO	WHIP	H/9	HR/9	BB/9	S0/9
2017	1	3	2.30	63	34	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9
ML Rank	136 th	61 st	17 th	74 th	8 th	62 nd	32 nd	18 th	63 rd	24 th	24 th	25 th	23 rd	63 rd	18 th

In 2017, Mr. Giles failed to reach the top of the leaderboard in SV%, ERA or SO.

Rank	Player	SV%
1	Tommy Hunter	100.0%
2	Mike Montgomery	100.0%
3	Kenley Jansen	97.6%
4	Wade Davis	97.0%
5	Raisel Iglesias	93.3%
6	Sean Doolittle	92.3%
7	Felipe Rivero	91.3%
8	Greg Holland	91.1%
13	Ken Giles	89.5%

Rank	Player	ERA		
1	Kenley Jansen	1.32		
2	Craig Kimbrel	1.43		
3	Andrew Miller	1.44		
4	Pat Neshek	1.59		
5	Chad Green	1.61		
6	Matt Albers	1.62		
7	Felipe Rivero	1.67		
8	Archie Bradley	1.73		
17	Ken Giles	2.30		

Rank	Player	SO			
1	Craig Kimbrel	126			
2	Corey Knebel	126			
3	Kenley Jansen	109			
4	Brad Hand	104			
5	Chad Green	100			
6	Chris Devenski	100			
7	Dellin Betances	100			
8	David Robertson	98			
24	Ken Giles	83			

Mr. Giles also failed to reach the top of the leaderboard in WHIP or HR/9.

Rank	Player	HR/9
1	Joakim Soria	0.16
2	Ryan Madson	0.31
3	Alex Claudio	0.34
4	Luis Garcia	0.38
5	Scott Alexander	0.39
6	Roberto Osuna	0.42
7	Nick Vincent	0.42
8	Andrew Miller	0.43
23	Ken Giles	0.57

Rank	Player	WHIP
1	Craig Kimbrel	0.68
2	Chad Green	0.72
3	Kenley Jansen	0.75
4	Ryan Madson	0.80
5	Blake Parker	0.83
6	Andrew Miller	0.83
7	David Robertson	0.85
8	Matt Albers	0.85
24	Ken Giles	1.04

Mr. Giles isn't the undisputed top reliever on his team. He leads the Astros bullpen in only two of the most essential statistical categories for relievers.

Year	W	L	ERA	G	SV	IP	Н	HR	ВВ	S0	WHIP	H/9	HR/9	BB/9	S0/9
2017	1	3	2.30	63	34	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9
Team Rank	7 th	7 th	2 nd	2 nd	1 st	2 nd	5 th	2 nd	6 th	2 nd	4 th	2 nd	1 st	6 th	3 rd

In his 2017 platform season, Mr. Giles was only 4th on the team in WHIP with a 1.04.

Rank	Player	W	L	ERA	G	SV	IP	WHIP	H/9	HR/9	BB/9	S0/9
1	Joe Musgrove	3	0	1.44	23	2	31.1	0.86	6.3	0.6	1.4	8.9
2	Chris Devenski	8	5	2.68	62	4	80.2	0.94	5.6	1.2	2.9	11.2
3	Will Harris	3	2	2.98	46	2	45.1	0.97	7.4	1.4	1.4	10.3
4	Ken Giles	1	3	2.30	63	34	62.2	1.04	6.3	0.6	3.0	11.9
5	James Hoyt	1	0	4.38	43	0	49.1	1.32	9.3	1.3	2.6	12.0
6	Luke Gregerson	2	3	4.57	65	1	61.0	1.34	9.2	1.9	3.0	10.3
7	Tony Sipp	0	1	5.79	46	0	37.1	1.39	8.7	1.9	3.9	9.4
8	Francis Martes	3	2	6.63	28	0	36.2	1.55	8.8	1.5	5.2	11.8
9	Michael Feliz	4	2	5.63	46	0	48.0	1.56	9.9	1.5	4.1	13.1

In his 2017 platform season, Mr. Giles was only 3rd on the team in SO/9 with 11.9.

Rank	Player	W	L	ERA	G	SV	IP	WHIP	H/9	HR/9	BB/9	S0/9
1	Michael Feliz	4	2	5.63	46	0	48.0	1.56	9.9	1.5	4.1	13.1
2	James Hoyt	1	0	4.38	43	0	49.1	1.32	9.3	1.3	2.6	12.0
3	Ken Giles	1	3	2.30	63	34	62.2	1.04	6.3	0.6	3.0	11.9
4	Francis Martes	3	2	6.63	28	0	36.2	1.55	8.8	1.5	5.2	11.8
5	Chris Devenski	8	5	2.68	62	4	80.2	0.94	5.6	1.2	2.9	11.2
6	Luke Gregerson	2	3	4.57	65	1	61.0	1.34	9.2	1.9	3.0	10.3
7	Will Harris	3	2	2.98	46	2	45.1	0.97	7.4	1.4	1.4	10.3
8	Tony Sipp	0	1	5.79	46	0	37.1	1.39	8.7	1.9	3.9	9.4
9	Joe Musgrove	3	0	1.44	23	2	31.1	0.86	6.3	0.6	1.4	8.9

Mr. Giles lack of an elite platform is evident in his postseason statistics. Despite winning the WS, Mr. Giles struggled mightily in the postseason.

Round	W	٦	ERA	G	SV	IP	Ή	HR	BB	S0	WHIP	H/9	HR/9	BB/9	S 0/9
ALDS	0	0	6.00	2	1	3.0	3	1	0	2	1.00	9.0	3.0	0.0	6.0
ALCS	0	1	9.00	3	1	3.0	5	1	3	5	2.67	15.0	3.0	9.0	15.0
WS	0	1	27.00	2	0	1.2	4	1	2	3	3.60	21.6	5.4	10.8	16.2
Total	0	2	11.74	7	2	7.2	12	3	5	10	2.22	14.1	5.4	5.9	11.7

LACK OF EXPERIENCE AS A FULL TIME CLOSER

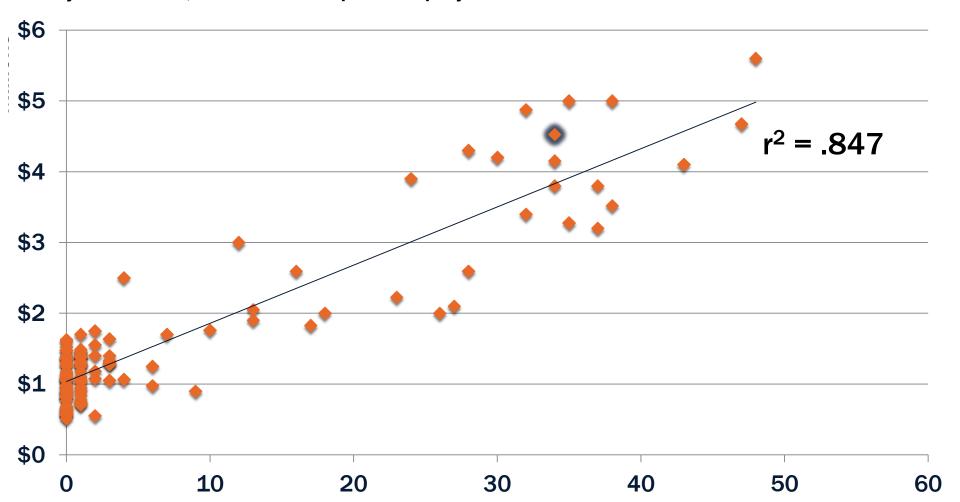
Mr. Giles has 65 career saves but only one season as a full time closer.

Career Statistics

Year	W	L	ERA	G	SV	IP	н	HR	ВВ	SO	WHIP	H/9	HR/9	BB/9	S0/9
2014	3	1	1.18	44	1	45.2	25	1	11	64	0.79	4.9	0.2	2.2	12.6
2015	6	3	1.80	69	15	70	59	2	25	87	1.20	7.6	0.3	3.2	11.2
2016	2	5	4.11	69	15	65.2	60	8	25	102	1.29	8.2	1.1	3.4	14.0
2017	1	3	2.30	63	34	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9
Total	12	12	2.43	245	65	244	188	15	82	336	1.11	6.9	0.6	3.0	12.4

LACK OF EXPERIENCE AS A FULL TIME CLOSER

For relief pitchers, there is a very strong correlation between platform saves and eventually salary. Therefore, the most comparable players are those with the most similar save totals.



COMPARABLE PLAYER MARKET

No player with fewer than 45 platform saves has ever received a salary above the midpoint unless they also have 75 or more career saves.

Player	Year	SVC	Final	ERA	G	SV	S0	Career	ERA	G	SV	S0
T. Rosenthal	2015	3.058	\$5,600,000	2.10	68	48	83	Career	2.66	233	96	303
A. Chapman	2013	3.034	\$5,000,000	2.54	68	38	112	Career	2.40	205	77	324
J. Axford	2012	2.170	\$5,000,000	4.67	75	35	93	Career	3.06	206	106	264
A. Reed	2014	3.027	\$4,875,000	4.25	62	32	69	Career	4.20	198	101	207
G. Holland	2013	3.028	\$4,675,000	1.21	68	47	103	Career	2.41	196	67	291
K. Giles	2017	3.113	\$4,525,000	2.30	63	34	83	Career	2.43	245	65	336
K. Jansen	2013	3.073	\$4,300,000	1.88	75	28	111	Career	2.10	216	62	347
H. Rondon	2015	3.000	\$4,200,000	1.67	72	30	69	Career	2.82	181	59	176
C. Allen	2015	3.076	\$4,150,000	2.99	70	34	99	Career	2.64	250	60	305
J. Familia	2015	3.030	\$4,100,000	1.85	76	43	86	Career	2.42	169	49	177
E. Frieri	2013	3.101	\$3,800,000	3.80	67	37	98	Career	2.76	228	60	315
S. Cishek	2013	2.143	\$3,800,000	2.33	69	34	74	Career	2.48	185	52	200

COMPARABLES

PLAYER FILING (\$4.9 M)

MIDPOINT (\$4.525 M)
KENLEY JANSEN (\$4.3 M)
HECTOR RONDON (4.2 M)
CODY ALLEN (\$4.15 M)
TEAM FILING (\$4.15 M)



KEN GILES V. CODY ALLEN PLATFORM STATISTICS

Cody Allen is the most comparable player as both closers are "statistical twins" who put up near identical statistics in nearly every category with identical saves and save percentage.



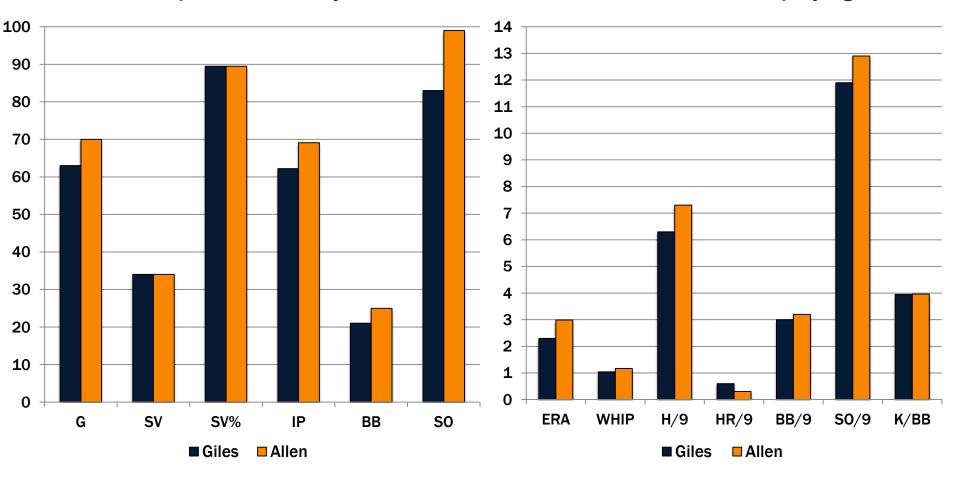


Ken Giles	Cody Allen
Player Filing: \$4.9 M Midpoint: \$4.525 M Club Filing: \$4.15 M	Cleveland Indians 2016 Salary: \$4.15 M

Name	W	L	ERA	G	SV	SV%	IP	Н	HR	ВВ	SO	WHIP	H/9	HR/9	BB/9	SO /9	K/BB
Giles	1	3	2.30	63	34	89.5	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9	3.95
Allen	2	5	2.99	70	34	89.5	69.1	56	2	25	99	1.17	7.3	0.3	3.2	12.9	3.96

KEN GILES V. CODY ALLEN PLATFORM STATISTICS

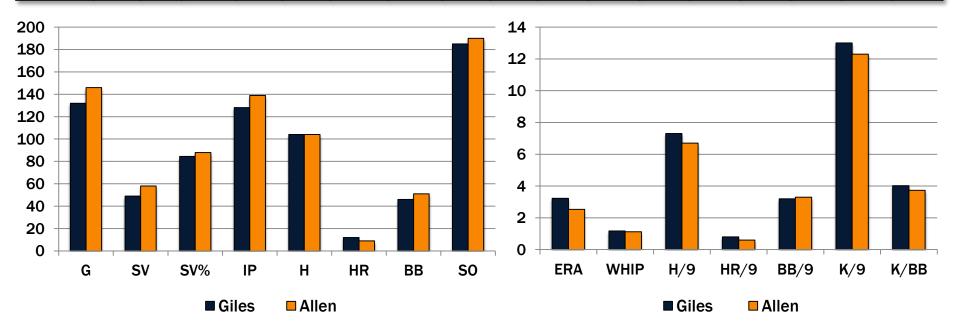
Whether looking at their counting stats (left) or their rate stats (right), both first-year closers have produced nearly identical numbers in the same amount of playing time.



KEN GILES V. CODY ALLEN TWO-YEAR LOOK BACK

In their two most recent seasons, both players have nearly identical numbers.

Player	W	L	ERA	G	SV	SV%	IP	Н	HR	ВВ	K	WHIP	H/9	HR/9	BB/9	K/9	K/BB
Giles ('16-'17)	3	8	3.23	132	49	84.5	128.1	104	12	46	185	1.17	7.3	0.8	3.2	13.0	4.02
Allen ('14-'15)	8	9	2.53	146	58	87.9	139	104	9	51	190	1.12	6.7	0.6	3.3	12.3	3.73



BB/9

HR/9

0.7

7.4

SO/9

11.8

12.9

11.5

3.5

KEN GILES V. CODY ALLEN CAREER STATISTICS

L

ERA

G

SV

SV%

IP

W

Year

Ken Giles \$4.525 M (2018)

Н

HR

BB

SO

WHIP

H/9

2014	3	1	1.18	44	1	1.00	45.2	25	1	11	64	0.79	4.9	0.2	2.2	12.6
2015	6	3	1.80	69	15	.750	70	59	2	25	87	1.20	7.6	0.3	3.2	11.2
2016	2	5	4.11	69	15	.750	65.2	60	8	25	102	1.29	8.2	1.1	3.4	14.0
2017	1	3	2.30	63	34	.895	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9
Total	12	12	2.43	245	65	.823	244	188	15	82	336	1.11	6.9	0.6	3.0	12.4
Cody	Alle	n												\$4.1	5 M (2	2016)

14

Total

11

2.64

250

60

.845

W **ERA** G SV SV% Н HR **SO** Year L IP BB **WHIP** H/9 HR/9 BB/9 SO/9 3.72 2 27 .000 29 15 27 1.52 0.6 4.7 8.4 0 1 0 29 9.0 1.25 3.3 11.3 1 2.43 77 2 .500 70.1 62 7 26 88 7.9 0.9

195

18

92

305

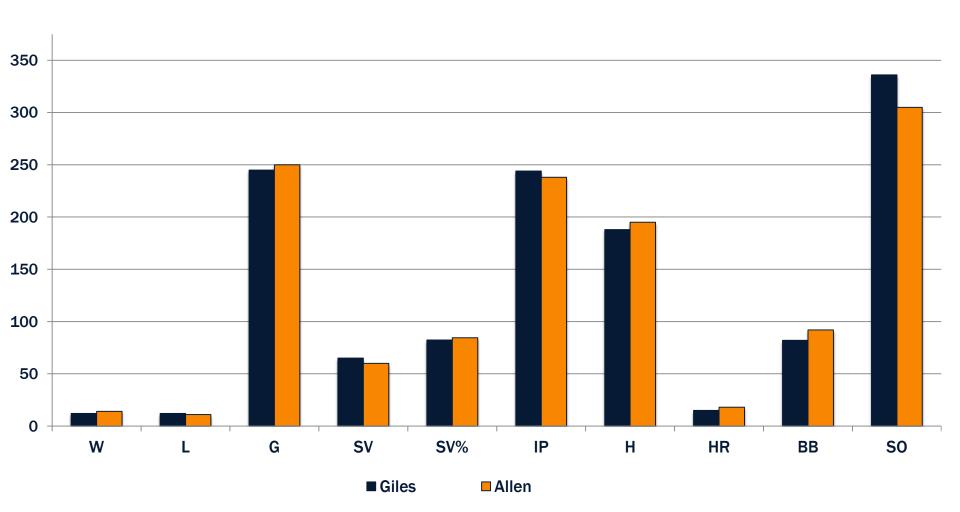
1.20

2012 2013 2.07 76 24 .857 69.2 48 7 26 91 1.06 6.2 0.9 3.4 4 2014 5 2.99 34 .895 69.1 56 2 25 7.3 0.3 3.2 70 99 1.17 2015

238.1

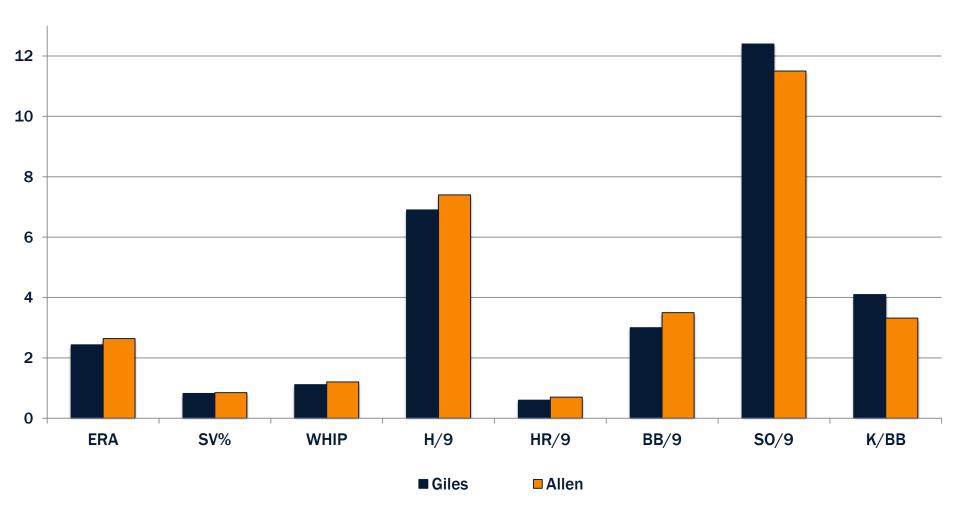
KEN GILES V. CODY ALLEN CAREER STATISTICS

Both pitchers have produced essentially the same numbers in the same playing time.



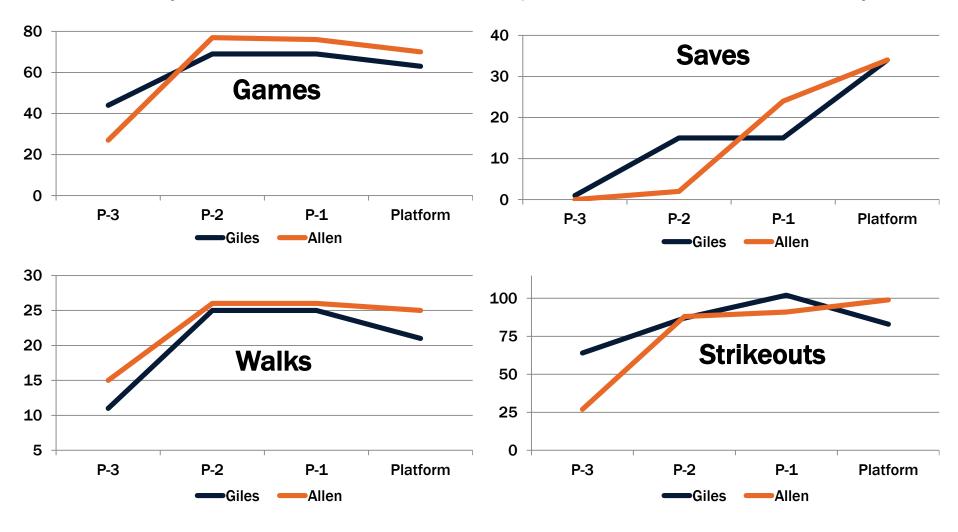
KEN GILES V. CODY ALLEN CAREER STATISTICS

Both pitchers have produced essentially the same numbers in the same playing time.



KEN GILES V. CODY ALLEN CAREER STATISTICS

Both first-year closers followed the same career path with a similar level of consistency.



KEN GILES V. CODY ALLEN OVERALL SUMMARY

Both players are extremely similar showing the exact same strengths and limitations.

Area of Performance	Lamb	Allen
Elite Season w/ High Platform Saves?	YES	YES
Less than Two Years as a Closer?	YES	YES
League Leader?	NO	NO
Undisputed Best Reliever on Team?	NO	NO
All Star?	NO	NO
Cy Young or MVP Votes?	NO	NO

KEN GILES V. KENLEY JANSEN PLATFORM STATISTICS

Mr. Jansen is a perfect example that even with outstanding overall statistics, a player will receive a salary below the midpoint unless they fall into one of the two save tracks.



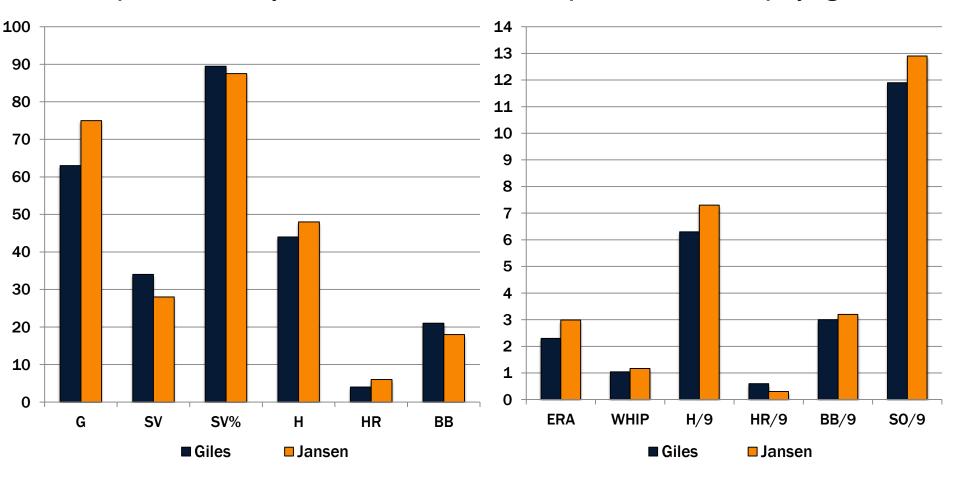


Ken Giles	Kenley Jansen
Player Filing: \$4.9 M Midpoint: \$4.525 M Club Filing: \$4.15 M	Los Angeles Dodgers 2016 Salary: \$4.3 M

Name	W	٦	ERA	G	SV	SV%	IP	H	HR	ВВ	SO	WHIP	H/9	HR/9	BB/9	S 0/9
Giles	1	3	2.30	63	34	89.5	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9
Jansen	4	3	1.88	75	28	87.5	76.2	48	6	18	111	0.86	5.6	0.7	2.1	13.0

KEN GILES V. KENLEY JANSEN PLATFORM STATISTICS

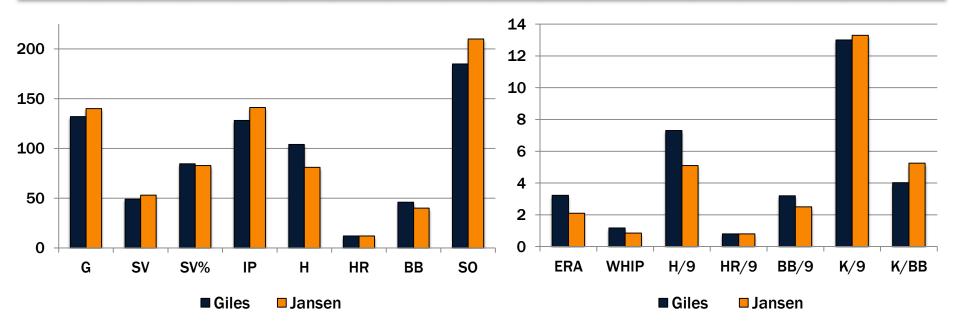
Whether looking at their counting stats (left) or their rate stats (right), both closers have produced nearly identical numbers in a comparable amount of playing time.



KEN GILES V. KENLEY JANSEN TWO-YEAR LOOK BACK

In their two most recent seasons, both players have nearly identical numbers.

Player	W	L	ERA	G	sv	SV%	IP	π	HR	ВВ	K	WHIP	H/9	HR/9	BB/9	K/9	K/BB
Giles ('16-'17)	3	8	3.23	132	49	84.5	128.1	104	12	46	185	1.17	7.3	0.8	3.2	13.0	4.02
Jansen ('12-'13)	9	6	2.10	140	53	82.8	141.2	81	12	40	210	0.85	5.1	0.8	2.5	13.3	5.25



BB SO WHIP H/9 HR/9 BB/9 SO/9

KEN GILES V. KENLEY JANSEN **CAREER STATISTICS**

Ken Giles \$4.525 M (2018)

HR

Tour	• • •			5	•	0170						••••	, 0	, 5		33,3
2014	3	1	1.18	44	1	1.00	45.2	25	1	11	64	0.79	4.9	0.2	2.2	12.6
2015	6	3	1.80	69	15	.750	70	59	2	25	87	1.20	7.6	0.3	3.2	11.2
2016	2	5	4.11	69	15	.750	65.2	60	8	25	102	1.29	8.2	1.1	3.4	14.0
2017	1	3	2.30	63	34	.895	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9
Total	12	12	2.43	245	65	.823	244	188	15	82	336	1.11	6.9	0.6	3.0	12.4
Kenle	Kenley Jansen \$4.3 M (2014)													2014)		
												W/LII				

Kenle	ev Ja	nsen											
												\ A/ LI	
Year	W	L	ERA	G	SV	SV%	IP	Н	HR	BB	SO	WHI P	H/9
2010	1	0	0.67	25	4	1 00	27	12	0	15	41	1 00	40

SV SV%

ERA

Kenle	Kenley Jansen \$4.3 N														3 M (2	(014)
Year	W	L	ERA	G	SV	SV%	IP	Н	HR	ВВ	S0	WHI P	H/9	HR/9	BB/9	SO/9
2010	1	0	0.67	25	4	1.00	27	12	0	15	41	1.00	4.0	0.0	5.0	13.7
2011	2	1	2.85	51	5	.830	53.2	30	3	26	96	1.04	5.0	0.5	4.4	16.1
2012	5	3	2.35	65	25	.780	65	33	6	22	99	0.85	4.6	0.8	3.0	13.7
2013	4	3	1.88	75	28	.880	76.2	48	6	18	111	0.86	5.6	0.7	2.1	13.0
Total	12	7	2.10	216	62	.838	222.1	123	1 5	81	347	0.92	5.0	0.6	3.3	14.0

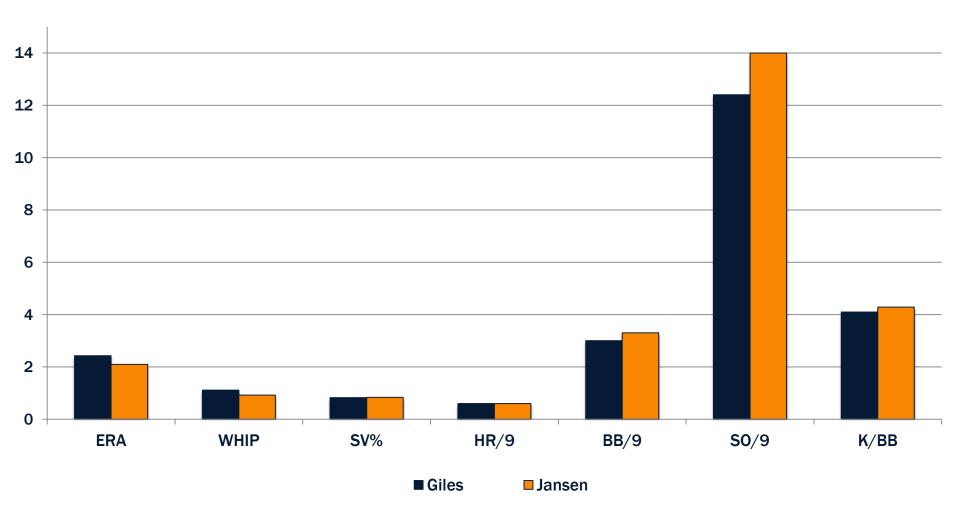
KEN GILES V. KENLEY JANSEN CAREER STATISTICS

Both pitchers have produced essentially the same numbers in the same playing time.



KEN GILES V. KENLEY JANSEN CAREER STATISTICS

Both pitchers have produced essentially the same numbers in the same playing time.



KEN GILES V. HECTOR RONDON PLATFORM STATISTICS

Mr. Rondon is further evidence that closers, like Mr. Giles, who record 30-35 saves during their platform year and 60-65 saves over their career receive a salary below the midpoint.

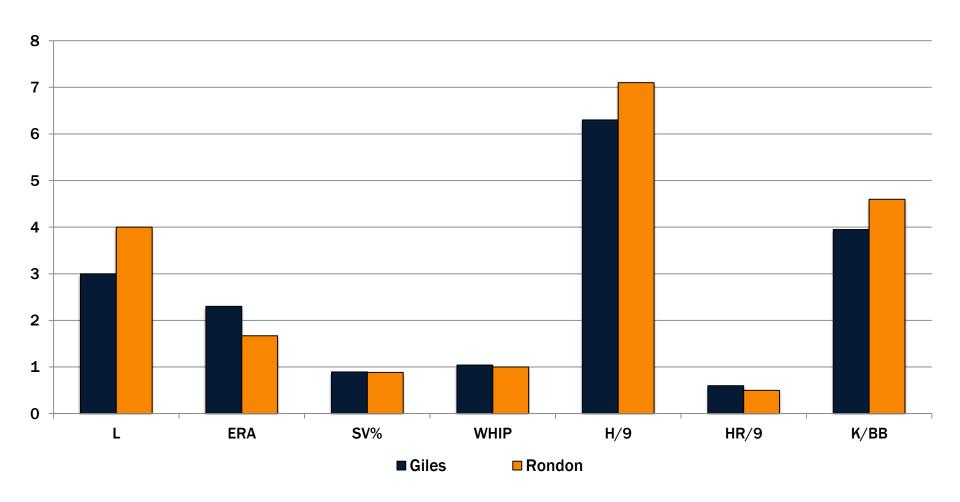


Ken Giles	Hector Rondon
Player Filing: \$4.9 M Midpoint: \$4.525 M Club Filing: \$4.15 M	Chicago Cubs 2016 Salary: \$4.2 M

Name	W	L	ERA	G	SV	SV%	IP	H	HR	ВВ	SO	WHIP	H/9	HR/9	BB/9	S 0/9
Giles	1	3	2.30	63	34	89.5	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9
Rondon	6	4	1.67	72	30	88.2	70	55	4	15	69	1.00	7.1	0.5	1.9	8.9

KEN GILES V. HECTOR RONDON PLATFORM STATISTICS

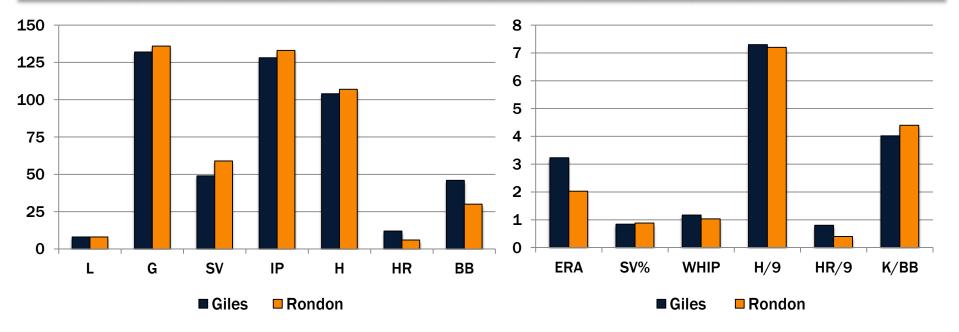
Both relievers produced very similar numbers in a comparable amount of playing time.



KEN GILES V. HECTOR RONDON TWO-YEAR LOOK BACK

In their two most recent seasons, both players have similar numbers.

Player	W	П	ERA	G	SV	SV%	IP	Н	HR	ВВ	K	WHIP	H/9	HR/9	BB/9	K/9	K/BB
Giles ('16-'17)	3	8	3.23	132	49	84.5	128.1	104	12	46	185	1.17	7.3	0.8	3.2	13.0	4.02
Rondon ('14-'15)	10	8	2.03	136	59	88.1	133.1	107	6	30	132	1.03	7.2	0.4	2.0	8.9	4.40



\$4.525 M (2018)

KEN GILES V. HECTOR RONDON CAREER STATISTICS

CAREER STATISTICS

Ken Giles

2

4

6

1

4

4

9

2011

2012

2013

Total

4.77

2.42

1.67

2.82

45

64

72

188

0

29

30

59

Year	W	٦	ERA	G	SV	SV%	IP	Ξ	HR	BB	SO	WHIP	H/9	HR/9	BB/9	SO/9
2014	3	1	1.18	44	1	1.00	45.2	25	1	11	64	0.79	4.9	0.2	2.2	12.6
2015	6	3	1.80	69	15	.750	70	59	2	25	87	1.20	7.6	0.3	3.2	11.2
2016	2	5	4.11	69	15	.750	65.2	60	8	25	102	1.29	8.2	1.1	3.4	14.0
2017	1	3	2.30	63	34	.895	62.2	44	4	21	83	1.04	6.3	0.6	3.0	11.9
Total	12	12	2.43	245	65	.823	244	188	15	82	336	1.11	6.9	0.6	3.0	12.4
Hecto	Hector Rondon \$4.2 M (2016)													016)		
Year	W	L	ERA	G	SV	SV%	IP	Н	HR	ВВ	S0	WHI P	H/9	HR/9	BB/9	S 0/9

52

52

55

159

6

2

4

12

25

15

15

55

44

63

69

176

1.41

1.06

1.00

1.14

8.6

7.4

7.1

7.6

1.0

0.3

0.5

0.6

4.1

2.1

1.9

2.6

7.2

9.0

8.9

8.4

54.2

63.1

70

188

.000

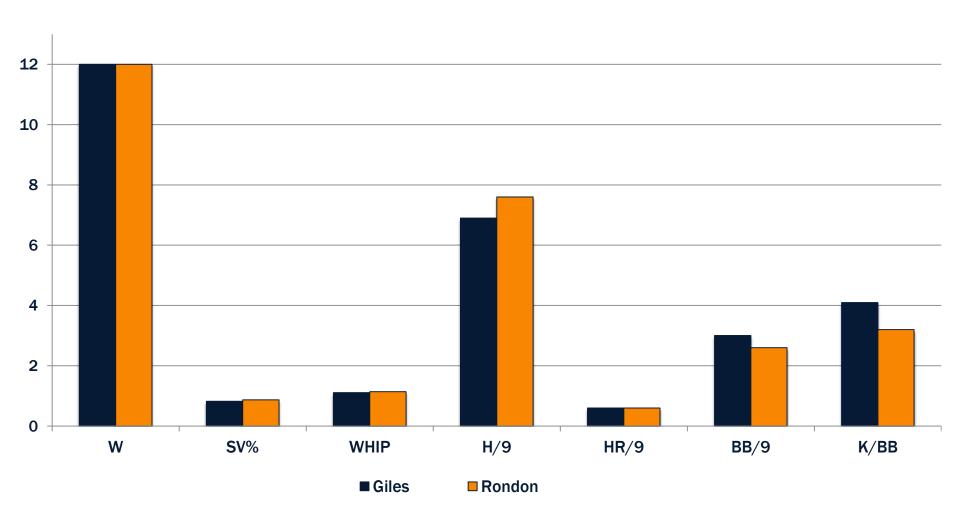
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.882

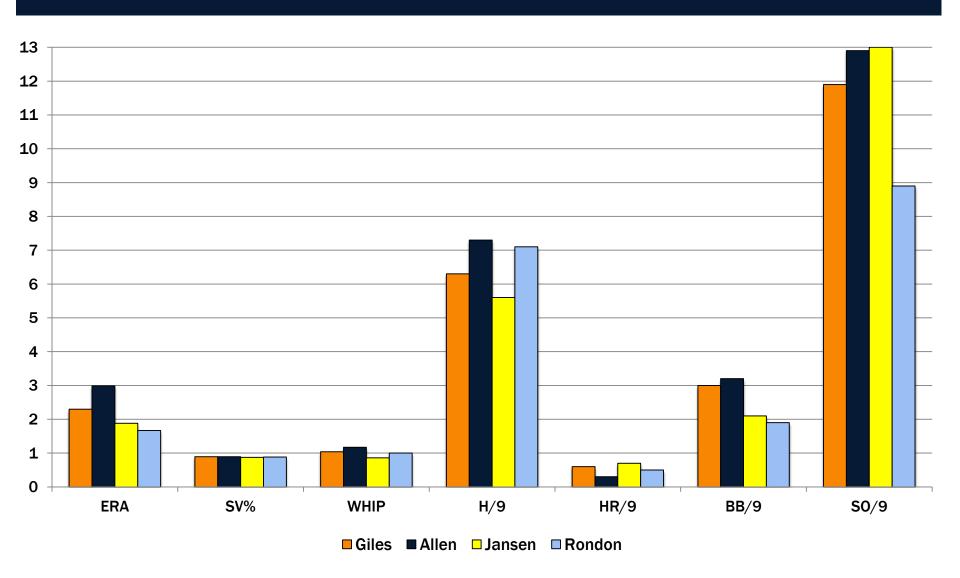
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KEN GILES V. HECTOR RONDON CAREER STATISTICS

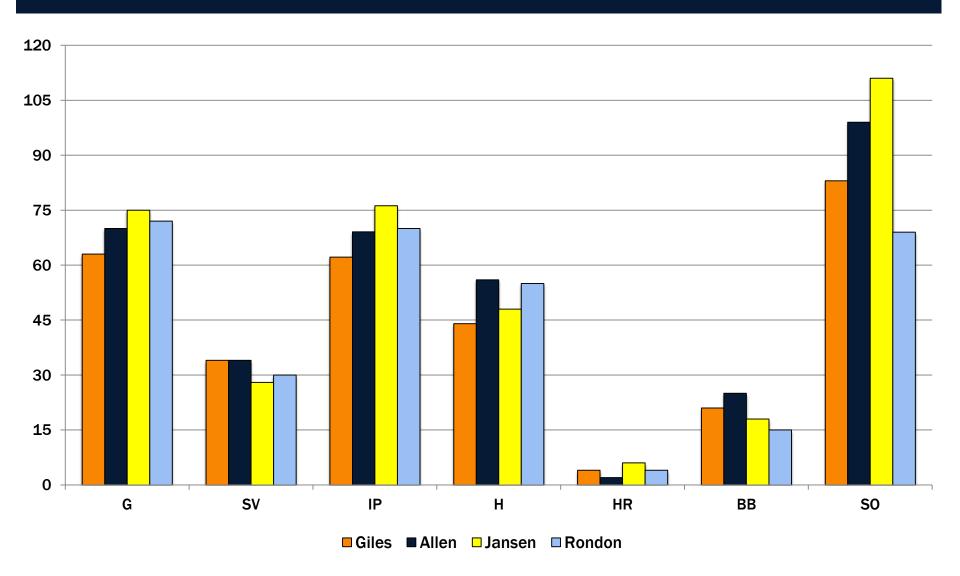
Both closers have very similar career statistics going into their first year of arbitration.



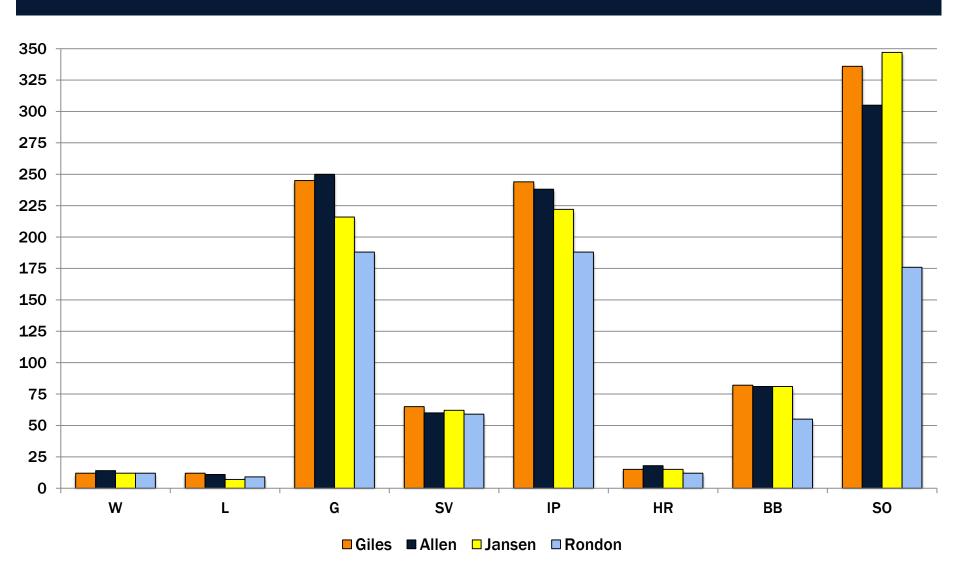
PLATFORM RATE STATISTICS OVERVIEW



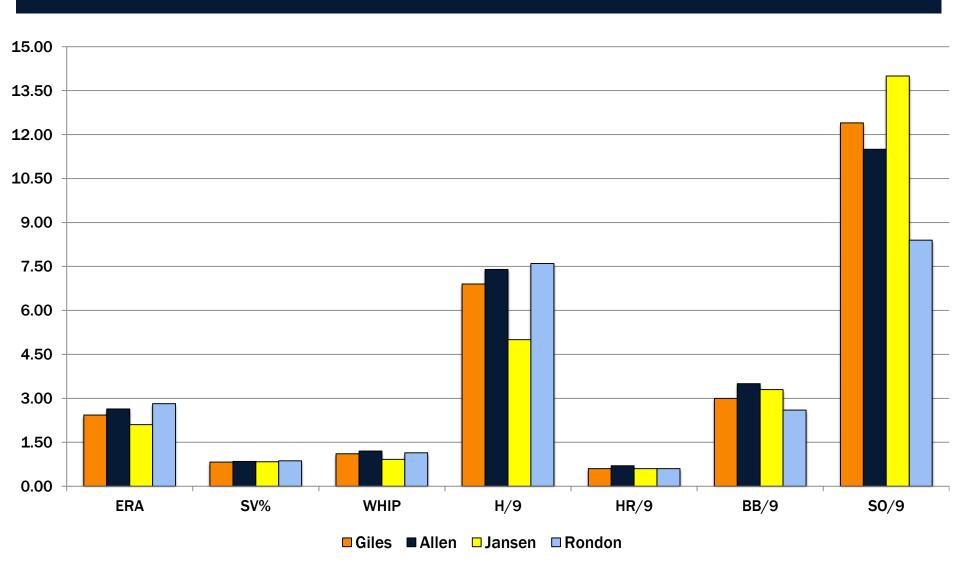
PLATFORM COUNTING STATISTICS OVERVIEW



CAREER COUNTING STATISTICS OVERVIEW



CAREER RATE STATISTICS OVERVIEW



OVERALL COMPARABLE SUMMARY

Mr. Giles shares key characteristics with the players below the midpoint.

Area of Performance	Giles	Allen	Jansen	Rondon
Productive Platform Season?	YES	YES	YES	YES
30-35 Platform Saves?	YES	YES	NO	YES
60-65 Career Saves?	YES	YES	YES	NO
League Leading Stats?	NO	NO	YES	NO
All Star?	NO	NO	NO	NO
Reliever of the Year?	NO	NO	NO	NO
Cy Young Award?	NO	NO	NO	NO
MVP Finalist?	NO	NO	NO	NO

REBUTTAL

