

# I H C D C N G B

K f]hYb`VmFcV`<Ufj Ynã9l YVW/hj Y`7\U]fa Ub`UbX`7cZci bXYfz: cf`H\Y`K ]b`FcVch]Vg

## THE ROLE OF DRONES IN MODERN CONSTRUCTION

8fcbYg`\\Uj Y`VYVta Y`]bX]gdYbgUV`Y`hcc`g`UWfcggj Uf]ci g`  
gYVtcfg`cZh\Y`Vcbgfi V]cb`]bXi gfrnãZfca``cVg]hY`g` fj Ym]b[ `UbX`

dfc`YVta cb]hcf]b[ `hc`gUZYhm]bgdYV]cbg`UbX`a cfY`Hc`ZYX`hY`  
Vcbgfi V]cb`k cf`ZcfW`d]dY`]bYzk Y`a`i`gh`YUb`]bhc`fYU`!k cf`X`  
Yl`Ua`d`Yg`cZ`\\ck`XfcbYg`\\Uj Y`U`fYUXm`YX`hc`Vg]hYg`]b[`g`UbX`  
]bVYUgYX`gUZYhmcb`Vcbgfi V]cb`cVg]hYg`8fcbY`i`gY`\\Ug`U`gc`  
]a`dfcj YX`UWV`fUW]b`cVg]hY`UggYgga YbhzfYXi`VX`a`UHYf]U`  
k`Ug]YzUbX`dfcj ]XYX`VYHfY`a`cb]hcf]b[ `cZ`\\UhUfXci`g`UfYUg`  
hc`dfchVta`k`cf`\_Yfg`7ca`dUb]Yg`h`Uhi`gY`XfcbYg`Zcf`dfc[`fYgg`  
a`cb]hcf]b[ `\\Uj Y`fYdcfHYX`U`fYXi`V]cb`]b`dfc`YVta`hja`Y`Vmi`d`hc`  
&\$i`zUWcfX]b[ `hc`5Yf]U`8YV]g]cbg`8fcbYg`\\Uj Y`U`gc`YbUV`YX`  
U`fYXi`V]cb`]b`k`cf`\_d`UW`UW]X`Ybng`YgdYV]U`mi`h`cgY`fY`UHYX`  
hc`ZU`gzk`\\]V`UWta`bhZcf` (i`cZ`ZHU`]h]Yg`]b`h`Y`Vcbgfi V]cb`  
industry.

H\Y`UW`]m]hc`Vtdh`fY`\\][`\\!`fYgc`i`h]cb`UYf]U`]a`U[`Yg`UbX`  
fYU`!hja`Y`XUH`\\Ug`U`gc`hfUbgZcfa`YX`hfUX]h]cbU`Vcbgfi V]cb`

a YHcXgza U\_]b[ 'dfcWggYg'a cfY'YZ VYbh'UbX'UWVfUH": cf'  
gri XYbhgzh]g'dfYgYbhg'U'i b]ei Y'cddcfri b]mirc Yb[ U[ Y'k ]h'  
W/h]b[ !YX[ Y'HWbc`c[ m'UbX'k ]hbYgg'h'Y'Hub[ ]V'Y'ja dUM'icZ  
h'Y]f'k cf\_'cb'fYU!k cf'X'dfc'VMg'A cfYcj YfzUg'h'Y'V'bgfri V]cb'  
]bXi g'f'mZUWg'Ub'U[ ]b[ 'k cf\_ZcfW' 'k ]h' bYUf m(\$i 'cZ  
k cf\_Yfg'U[ YX'()\* ('UbX'U'g[ ]b] V]bhidcfh]cb'Yi dYVWX'hc'  
fYh]f'Y'k ]h.]b'h'Y'bYi h'XYVWXY' 'h'Y'bYXX'hc'U'f'UM'inci b[ Yf'  
h'YbhVYV'za Yg'Yj Yb'a cfY'W]h]VW"8fcbYg'cZZf'U'k Um'ic'a U\_Y'

ZQ h'Y]f'k g'f'mZUWg'Ub'U[ ]b[ 'k cf\_ZcfW' 'k ]h' bYUf m(\$i 'cZ

U W


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TODAY'S CLASSROOMS, TOMORROW'S CONSTRUCTION

...bc`c[ m]brc`?!%&`YXi VWh]cb`cZyfgU`  
dfca ]g]b[ `dUhk Unihc`UXXfYgg`h.Y Vzbgrfi V]cb`]bXi grfmg`UVcf`  
g\cfhU[ Y`6mYb[ U[ ]b[ `ghi XYbhg`k ]h`XfcbYgzk Y V]b`g\ck V]gY`  
h.Y`hVW!YbUV`YX`bUhi fY`cZa cXYfb Vzbgrfi V]cbzgc`j Y`fYU!  
k cf`X`dfcV`Ya gZVfcUXYb V]fYf`\cf]ncbgzUbX`]bgd]fY`Zi hi fY`  
]bbcj U]cb"

: cf`h`cgY`]bhYfYghYX`]b`YUfb]b[ `a cfY`UVci h`]bVzdfcfU]b[ `XfcbY`hVW`bc`c[ m]brc`Vzbgrfi V]cb`YXi VWh]cbzgy`YfU`  
fYgci fWg`UfY`Uj`Uj`UV`Y`H.Y`5ggcV]U]cb`Zcf`I`ba`UbbYX`  
JY\]W`GngH`a`g`bhYfbU]cbU`f5i`J`G`-`dfcj`]XYg[ i`]XY`]bYg`  
UbX`VYghdfU]W]Wg`Zcf`i`g]b[ `XfcbYg`]b`YXi VWh]cb`"5XX]h]cbU`nã  
h.Y`7cbgrfi V]cb`bXi grfmbgh]hi hY`f7`-`cZyfg`fYgci fWg`cb`  
k cf`\_`ZcfW`XYj`Y`cda`YbhUbX`h.Y`]bhY[ fU]cb`cZH`VW`bc`c[ m]b`  
Vzbgrfi V]cb`"Dfcj`]XYfg`V]b`U`gc`dUf`bYf`X]fYV]mk`]h`g`W`cc`g`  
UbX`X]ghf]V]g`hc`dfcj`]XY`XfcbYgZ`U]W`a`dUbm]b[ `W`ff]W`U`  
f]bW`i`X]b[ `Vzbgrfi V]cb!fY`UH`X`"Yggcb`d`UbgtzUbX`dfcZygg]cbU`  
XYj`Y`cda`YbhZcf`YXi VWhc`fg`UbX`UXa`]b]ghfUhc`fg"

Hc`YZZV]j`Y`mUXXfYgg`h.Y`Vzbgrfi V]cb`]bXi grfmg`UVcf`  
g\cfhU[ Y`UbX`dfcdY`]hg`Yj`c`i`h]cbz]h]g`V]i`V]U``hc`]bj`Ygh]b`  
]b]h]U]j`Yg`h`U]bhY[ fUH`U`UbXg]cb`hVW`bc`c[ m]brc`YXi VWh]cbU`  
W`ff]W`Uz`Yj`YfU[ Y`]bXi grfmg`ddcfhgzUbX`dfYdUfY`U`Zi hi fY`  
k cf`\_`ZcfW`h`U]g`k`Y`"Yei ]ddYX`hc`bUj`][`UH`UbX`h`f]j`Y`]b`h`Y`  
Yj`c`j`]b[ `UbXgWdY`cZVzbgrfi V]cb" 



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FcV' <Ufj Ym]g'h.Y'YI YW/hj; Y'WU]fa Ub'UbX'Wzci bXYf'Uh: [cf'HYK \]b'FcVch\]Vz](#)  
U'YUfb]b[ 'd'Uhzcfa 'Wza df]gYX'cZXfcbY\UFXk UFY'UbX'gcZk UFYzWza di HYf'

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